

**Newark Fire Department**

**1989**

**ONE HUNDRED-FOURTH**

**ANNUAL REPORT**



**SHARPE JAMES, Mayor**

**MUNICIPAL COUNCIL**

**HENRY MARTINEZ, President**

**GEORGE BRANCH, Central Ward**  
**ANTHONY CARRINO, North Ward**  
**RALPH T. GRANT, JR., At-Large**  
**GARY HARRIS, At-Large**

**DONALD BRADLEY, South Ward**  
**RONALD L. RICE, West Ward**  
**DONALD TUCKER, At-Large**  
**MARIE L. VILLANI, At-Large**

**RICHARD MONTEILH, Business Administrator**

**STANLEY J. KOSSUP, Fire Director**

**NEWARK, NEW JERSEY**

FIRE DEPARTMENT ANNUAL REPORT - 1989

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# Newark

Sharpe James  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

Stanley J. Kossup  
Director

March 12, 1990

The Honorable Sharpe James  
Mayor of the City of Newark  
City Hall  
Newark, New Jersey 07102

Dear Mayor James:

I am pleased to submit herewith the Newark Fire Department's Annual Report outlining activities for the year 1989, for your attention and approval.

We again affirm that the primary goal of the Fire Department has always been, and will continue to be, the prevention of fire, and when a fire occurs, to quickly control same, and keep loss of life and property to a minimum.

During the year of 1989, there was a loss of 15 lives due to fires. Although this was a decrease of 49% from that of 1988 when 29 lives were lost, only a "zero" figure for the number of lives lost to fire will be acceptable to the Fire Department. However, be assured that the Department will utilize all of its resources to achieve that goal.

Toward that end, this Department will continue to increase its efforts in the areas of Code Enforcement; will continue to conduct in-service building inspections by firefighting companies, and also through fire safety education programs presented in the schools, at civic organization meetings, etc.

In addition, a further step taken during 1989 to enhance fire prevention efforts, was the reorganization of the Division of Fire Prevention and Life Safety.

We in the Fire Department are committed and dedicated toward providing the best possible protection to the citizens of the City of Newark.

All of us in the Fire Department, wish to express our gratitude and thanks to you, Mr. Mayor, to the members of your administration and staff, the Business Administrator, and to all the city department directors for their fine and wholehearted cooperation and assistance rendered whenever called upon.

Respectfully submitted,

STANLEY J. KOSSUP,  
Director, Fire Department

SJK:EC

# Newark

Sharpe James  
Mayor

## Fire Department

1010 18th Avenue  
Newark, New Jersey 07106  
201 733-7424

Stanley J. Kossup  
Director

February 27, 1990

Hon. Stanley J. Kossup, Director  
Newark Fire Department  
Newark, New Jersey

Dear Sir:

It is with great pleasure and pride that I have the honor of forwarding to you the Annual Performance Report of the Newark Fire Department for the year 1989.

Last year, as in the previous year, our statistics have shown a continued decline in the number of fire deaths: there were 29 such deaths in 1988 and a decline to 15 in 1989, which is the lowest in the past ten years. Fire emergency responses to structural, non-structural, and vehicular fires have also gone down.

We believe that our active and continuous contacts with the local news media and our vigorous public education campaigns through participation in parades; fairs; school activities; and other organized city events are having an impact in changing the attitudes and behavior of our citizenry about the dangers of fire. Our fire code; fire protection equipment; inspection and enforcement programs, conducted by our recently re-organized Division of Fire Prevention and Life Safety; and our increased district in-service inspections conducted by field fire companies; have all combined and been major contributors to the decline shown in 1989.

While these statistics are low--when compared to previous years--they are still unacceptable and we plan to redouble our efforts to reduce these figures even lower.

Another area which has followed last year's trend is our responses to non-fire emergencies such as emergency medical, hazardous materials, and general public assistance responses. These types of responses have shown a significant increase over the past years.

We have responded to this challenge by conducting the following:

1. Department-wide training for all of our personnel in hazardous materials courses from the first responder programs up to the technical levels.
2. An Emergency Medical Technician program, the objective of which is to train and certify all members of our Rescue Company, Hazardous Materials and Decontamination companies, as well as members of our

NEWARK FIRE DEPARTMENT

Hon. Stanley J. Kossup, Director  
Newark Fire Department

February 27, 1990  
Page 2

Training Division and other department volunteers.

3. Involving department members in lectures, informal talks, and demonstrations at meetings of civic groups, fund raisers, and business interests and associations.

All of the above-mentioned activities show that 1989 was a year of exciting and challenging experiences for the Newark Fire Department.

We celebrated our 100th year as a fully-paid Fire Department (even though Newark Townsmen were organized as early as 1668); we saw our first female firefighter achieve the rank of Fire Captain; she is an Afro-American and the first female to be promoted to this rank in the State of New Jersey. We also experienced a major reorganization of the Fire Department Table of Organization during the past year.

As in the past, I wish to express my sincere appreciation to all the dedicated members of the Newark Fire Department for their efforts, support, and cooperation throughout the year.

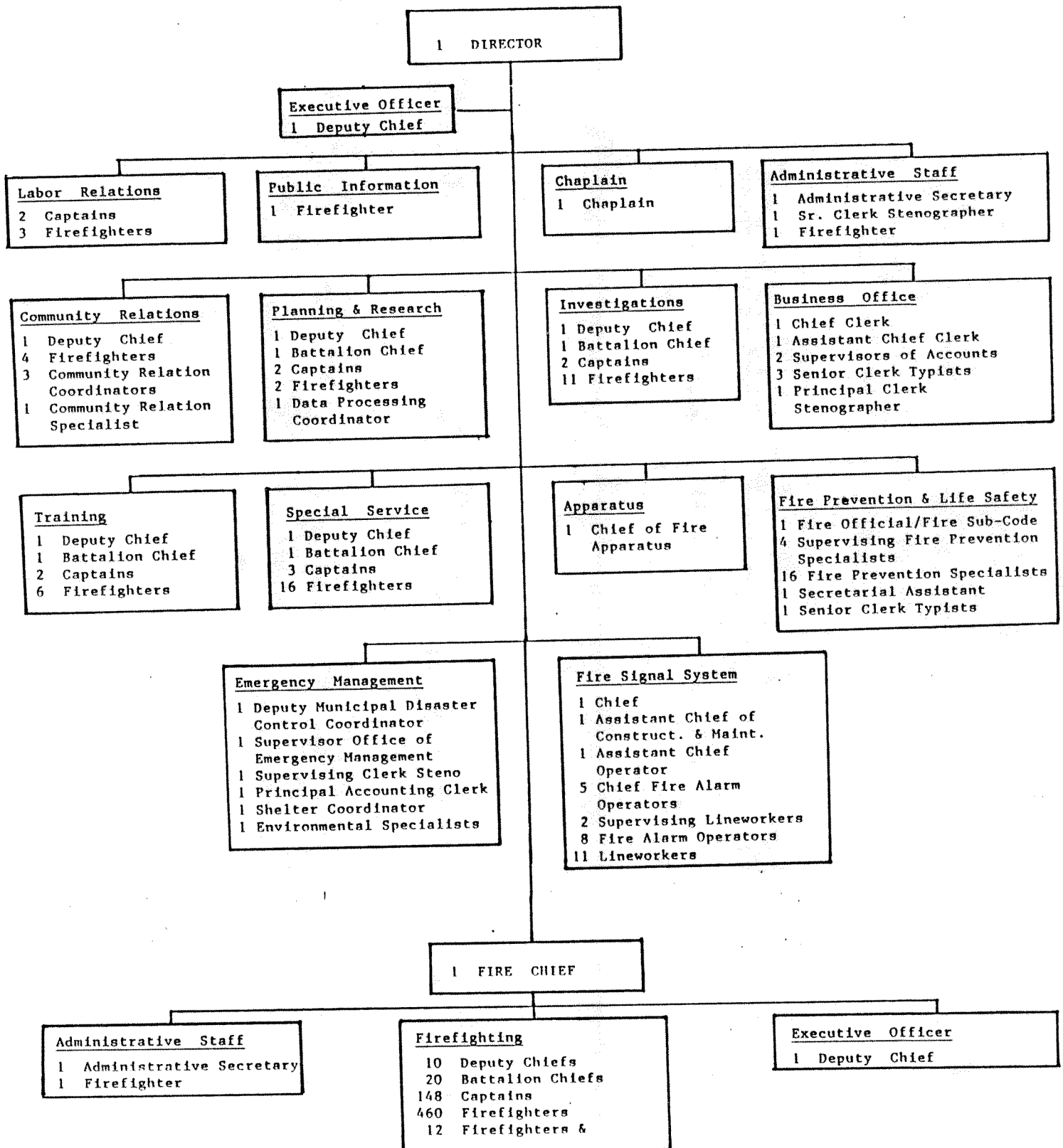
I also extend my thanks to Mayor Sharpe James; the Members of the Municipal Council; Mr. Richard A. Monteilh, Business Administrator; and to all Agencies and City Officials who have, in so many ways, assisted our Department in meeting its goals during 1989.

Respectfully submitted,

LOWELL F. JONES,  
Fire Chief

LFJ:JMR  
Enc.

FIRE DEPARTMENT - CITY OF NEWARK, N.J.  
1990 ORGANIZATIONAL CHART - 1990 BUDGETED POSITIONS



ANNUAL REPORT - 1989

F I R E   D E P A R T M E N T   -   C I T Y   O F   N E W A R K

Richard A. Monteilh  
Business Administrator

Hon. Sharpe James  
Mayor

Stanley J. Kossup  
Fire Director

Kenneth J. Blaha, Chief Clerk  
Angelina Capriglione, Assistant Chief Clerk

Esther Conrad  
Administrative Secretary  
(Director)

Joyce M. Reinhart  
Administrative Secretary  
(Fire Chief)

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Alexander J. McGrory, Deputy Fire Chief, Chief of Staff

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Lowell F. Jones, Fire Chief, U.F.D., Commanding

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DEPUTY FIRE CHIEFS

1st Deputy Division

James W. McCormack  
John J. Tartis  
Edward R. Dunn  
Albert J. Maresca

2nd Deputy Division

Edward J. Chrystal  
Robert J. Buccine  
John Griggs  
William M. Carragher, Jr.

Roving

Robert J. Miller

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BATTALION FIRE CHIEFS

1st Battalion

Edward S. Rydzewski  
Frederick H. Nolan  
Richard B. Meeker  
Frank A. Calvitti

3rd Battalion

Leonard Mendola  
Robert P. Gaynor  
Richard L. Bitter  
James H. Cody

4th Battalion

James N. Richardson  
Kenneth G. Miller  
James M. Smith  
John S. Higginson

5th Battalion

James P. Finucan  
Robert J. Smith  
Joseph T. Miller  
Leonard Gino

Roving

Robert Schimpf  
Thomas Saccone  
Bernard C. Snyder

## SUB-DIVISIONS OF THE FIRE DEPARTMENT

### Division of Fire Prevention and Life Safety

William R. Kingeter, Fire Official, U.F.D. (Retired Nov. 1, 1989)  
John H. Anstiss, Fire Official, U.F.D. (Assumed command Nov. 1, 1989)  
Richard C. Kelly, Supervising Fire Protection Specialist, U.F.D.  
Joseph D. Garrity, Supervising Fire Protection Specialist, U.F.D.  
Vincent H. Ladd, Supervising Fire Protection Specialist, U.F.D.  
Jacqueline Jones, Captain  
Charles Bishop, Captain

### Division of Investigation

James V. Raymond, Deputy Chief  
Louis Formisano, Battalion Chief  
George Daudelin, Captain  
Lenzy L.E. Petford, Captain

### Fire Signal System Operations

John Di Blasio, Chief, Fire Signal System Operations, and  
Maintenance and Construction  
Walter J. Maszczak, Assistant Chief, Maintenance and Construction  
Vincent Lyons, Assistant Chief, Operations

### Special Services and Supply

David J. Kinnear, Deputy Chief  
Walter B. Mueller, Chief of Apparatus  
James P. Clarke, Captain  
William P. Scholz, Captain  
Anthony Graziano, Captain

### Fire Training Center

Alfred Freda, Deputy Chief  
Joseph G. Ricca, Battalion Chief  
Carl F. Duerr, Captain  
Eli A. Savarese, Captain

### Planning and Research Division

John J. Valent, Deputy Chief  
Albert R. Payne, Battalion Chief  
Abnathy Alfonso Mason, Captain  
Donald W. McCormack, Captain

### Community Relations Division

Joseph J. Pierce, Deputy Chief

### Office of Emergency Management

Robert Swales, Deputy Director and Coordinator

### Chaplains

Rev. Horton J. Raught, Catholic  
Rabbi Horace Zemel, Jewish



# F I R E   D E P A R T M E N T

## Financial Statement - 1989

Salaries and Other Pay Appropriations	\$28,706,071.00
Other Expenses	535,984.00
	\$29,242,055.00

### Expenditures

Salaries	\$25,913,876.87
Overtime	1,052,000.00

### Miscellaneous Receipts

Fire Prevention & Life Safety Division	\$82,107.81
Miscellaneous	4,075.00

### Miscellaneous

N. J. Turnpike Response	7/1/88 - 12/31/88	\$1,875.00
N. J. Turnpike Response	1/1/89 - 6/30/89	2,200.00

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F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1989

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APPOINTMENTS  
FIREFIGHTERS

50 Eligibles from New Jersey Department of Personnel List.

August 11, 1989

Winfred White  
Robert White  
David Gillespie  
Rashad Shahied  
Reinaldo Aponte

August 14, 1989

Ibrahim Abdul-Haqq  
Donald A. Vnencak  
James E. Graves  
Curtis D. Brown  
Tyrone Johnson  
Daniel Kraemer  
Giovanni Guida  
Orlando Alvarez  
Darren R. Rispoli  
Frank Decker  
Steven La Penta  
Bruce P. Florek  
Eugene R. Hurle  
Frank C. Mastroeni, Jr.  
Vincent Mautone  
Shawn O. Norwood  
Michael P. Reed  
Daniel Snyder  
Anthony J. Tarantino  
Charles H. West  
Carl E. Wendt  
Joseph J. Sperli  
Derek J. Hunter  
Thomas P. Davidson  
Salvatore A. Maiorino - reinstated from  
disability retirement

August 16, 1989

William M. Connolly

F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1989   (2)

APPOINTMENTS

FIREFIGHTERS

Eligibles from New Jersey Department of Personnel List (continued)

December 11, 1989	Matthew R. Cordasco Marcus L. Johnson Julius T. Taylor Wayne J. Linfante Robert N. Praino John K. Wilson Tyrone Jenkins Ferdinando Tenore John R. Sigano Gerard Caprio Christopher L. Daniels Angelo Guida Edward A. Malkinski John F. Ward Angelo G. Centanni Timothy C. Wise Arthur Ciampi Robert L. Booker Colin J. Archer Jerry P. Rohrbach
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April 17, 1989	Jeffrey T. Lukawski	(rehired from re-employment list
April 18, 1989	Thomas J. Condito	" " " "
December 11, 1989	Herbert Harris	" " " "
February 20, 1989	Constance Ransom	Senior Clerk Typist
	Saundra Walker	" " "
May 22, 1989	Linus Ebinum	Data Processing Coordinator
June 19, 1989	Helen Coleman	Principal Clerk Stenographer
October 2, 1989	Brenda Porter	Senior Clerk Typist

PROMOTIONS

<u>DATE</u>	<u>NAME</u>	<u>PROMOTED TO:</u>
February 6, 1989	Thomas A. Saccone	Battalion Fire Chief
"	John H. Anstiss	" " "
"	Leonard R. Gino	" " "
"	William J. McCarthy	Fire Captain
"	Francis X. McCrone, Jr.	" "
"	Robert J. Clark	" "
"	Lenzy L.E. Petford	" "
"	John C. Salvato	" "

F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1989    (3)

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PROMOTIONS

<u>DATE</u>	<u>NAME</u>	<u>PROMOTED TO:</u>
February 6, 1989	Peter J. Spann	Fire Captain
"	Robert T. Frey	" "
"	Thomas A. Peters	" "
"	Philip A. Manno	" "
"	Kevin M. Killeen	" "
"	John R. Degnan	" "
"	Anthony F. Peters	" "
"	John E. Delk	" "
"	Robert A. Fraser	" "
"	Richard L. Freeman	" "
"	Albert C. Mauriello	" "
"	William J. Tansey	" "
"	Joseph P. Ryan, Jr.	" "
"	Richard A. Reddick, III	" "
"	Joseph M. Straile, Jr.	" "
"	Jeffrey Rudden	" "
"	Clifford M. Dainty	" "
"	James W. Stewart	" "
"	Robert R. Lindsey	" "
"	Richard K. Tiffany	" "
"	Albert J. Gesualdo	" "
"	Bruce W. Paynter	" "
"	Norman J. Esparolini	" "
"	James P. Wiggins	" "
"	Carl Pinal	" "
"	Hector D. Marrero	" "
"	Harry B. Tokanos	" "
"	Ronald D. Ricca	" "
"	Joseph C. D'Alise	" "
April 3, 1989	Thomas F. Joyce	" "
"	William R. Burkhardt	" "
"	James H. Butler, Jr.	" "
"	Kevin Rafferty	" "
May 15, 1989	Lowell F. Jones	Battalion Fire Chief
"	Michael P. Cawley	Fire Captain
"	Brian A. Kirkland	" "
"	Vincent H. Ladd	" "
"	Richard F. Baumann	" "
September 25, 1989	Martin P. Cawley	" "
"	Thomas G. Reiss	" "
"	James Harris	" "
"	Arnum H. Wapples	" "
"	Philip A. Daly	" "
"	Arthur J. Griggs	" "
"	Abdul-Hakim Sadrud-Din	" "
"	Richard P. Zieser	" "

F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1989   (4)

PROMOTIONS

<u>DATE</u>	<u>NAME</u>	<u>PROMOTED TO:</u>
September 25, 1989	Martin Richardson	Fire Captain
"	Joseph A. Bisogna	" "
"	John T. Benderoth	" "
"	William J. Murnane	" "
"	Raymond L. Wallace	" "
"	Patrick Durkin	" "
"	Herbert C. Volkert	" "
"	Wayne R. Rosetti	" "
"	Joseph J. Camasta, Jr.	" "
"	Jacqueline Jones	" "
December 11, 1989	Bernard C. Snyder	Battalion Fire Chief
"	Anthony L. Apostolico	" " "
"	Vincent P. Kuhn	Fire Captain
"	David H. Jones	" "
"	Bruce H. Palmer	" "
"	Joseph A. Perez	" "
"	Daniel W. Prachar	" "
"	Charles Bishop	" "
"	Joseph V. DeMasi	" "
February 20, 1989	Kenneth J. Blaha	Chief Clerk
September 2, 1989	Angelina Capriglione	Ass't Chief Clerk
November 27, 1989	Concetta Iannucci	Secretarial Assistant, (Pr
October 16, 1989	Beverly Harris	Supervisor of Accounts, (Prov.)

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May 15, 1989      In accordance with provisions of the New Jersey State Uniform Code, Reorganization of Fire Prevention and Life Safety took place, and titles of 22 members of that Division were provisionally changed, pending an examination.

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DISCIPLINARY DISMISSALS

May 15, 1989	Barbara Bennett, Principal Clk. Stenographer	(Prov.)
June 23, 1989	F/F James Anderson	
June 27, 1989	F/F Robbie Lee	
June 27, 1989	F/F Robert H. Brown	
July 13, 1989	F/F James A. Kruel	
July 28, 1989	Sandra Lawrence, Senior Clk. Typist	(Prov.)
September 15, 1989	F/F Gregory A. Powell	
September 15, 1989	F/F Thomas P. Davidson	(Prov.)
September 19, 1989	F/F Curtis D. Brown	(Prov.)
November 8, 1989	F/F Idris Jamil Faruq	

F I R E   D E P A R T M E N T  
VITAL STATISTICS - 1989   (5)

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RETIREMENTS

Jan. 1, 1989	Captain Joseph Agolia Captain John C. McMillan F/F George J. Alfano Sr. Clk. Typist Helen Krakowitz
Feb. 1, 1989	Batt. Chief Anthony P. DeTroia F/F Peter M. Miller F/F James F. Edgar F/F John W. Molka, Jr. F/F Daniel Nozza F/F James P. McDonnell
March 1, 1989	Captain John Glass Captain Vincent G. Merenghi F/F Richard J. Grabowski F/F Richard Schoemer
April 1, 1989	Captain Donald Kraemer Lineman Salvatore Ruggiero
May 1, 1989	F/F Richard Wittel F/F Albert Taylor
July 1, 1989	Captain Harry Uhde F/F John P. Devlin
Sept. 1, 1989	Captain James F. Murray, 2nd
Nov. 2, 1989	Batt. Chief William R. Kingeter
Nov. 11, 1989	F/F Michael J. Miggins

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RESIGNATIONS

April 28, 1989	Sr. Clk. Typist Constance Ransom   (Prov.)
July 24, 1989	F/F Earl D. Johnson
Aug. 19, 1989	F/F Arnold H. Almaguer
Sept. 18, 1989	F/F Chester B. Solowiej
Oct. 15, 1989	F/F Frank Decker   (Probationary)

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COMPANY STATISTICS 1989

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS OF ENGINE DUTY	FEET OF HOSE USED	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	IN-SERVICE BUILDING INSPECTIONS
Eng. 5	1445	439	0	588:50	22,300	254	178	541:50	140
Eng. 6	2629	879	0	236:10	45,800	264	385	1133:10	298
Eng. 7	2223	789	0	221:00	60,650	60	318	987:00	86
Eng. 8	999	364	0	151:50	10,150	300	168	911:50	193
Eng. 9	2269	958	0	211:00	12,957	249	326	764:25	230
Eng. 10	2076	680	0	215:40	49,150	152	375	862:20	362
Eng. 11	2082	455	0	173:00	39,620	270	97	714:00	308
Eng. 12	2181	623	0	189:00	49,850	456	299	836:00	249
Eng. 13	1482	761	0	143:00	28,400	410	379	554:00	191
Eng. 14	1421	391	0	215:60	28,102	265	234	974:00	113
Eng. 15	1770	540	0	146:00	42,250	300	336	786:00	94
Eng. 16	741	368	5	170:00	13,450	256	249	792:00	215
Eng. 17	1868	666	0	169:00	43,450	296	379	817:00	224
Eng. 18	2100	801	0	248:00	52,750	360	337	740:00	470
Eng. 19	1132	476	32	174:00	20,350	309	248	841:10	172
Eng. 21	1104	215	3	79:75	5,850	158	362	602:00	154
Eng. 26	1170	320	0	93:00	11,800	240	274	587:00	194
Eng. 27	985	286	0	211:00	27,100	312	393	747:00	280
Eng. 28	1016	247	0	70:66	30,250	513	368	514:00	207
Eng. 29	1698	560	0	172:00	33,750	365	301	783:52	173
Rescue 1	2018	1135	762	180:00	-	-	317	-	-
TOTALS	34,349	11,953	802	4057:51	627,979	5789	6323	15487:07	4353

# COMPANY STATISTICS

1989

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	FEET OF LADDERS USED	NUMBER OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	NUMBER OF HYDRANTS INSPECTED
TRUCK 1	1933	1139	235	10,665	98	332	1610:00	415
TRUCK 4	935	238	1	3,484	290	242	473:12	300
TRUCK 5	2152	697	28	6,661	201	408	778:33	240
TRUCK 6	1153	466	0	3,817	178	165	517:00	122
TRUCK 7	1859	572	431	7,707	120	350	1073:50	418
TRUCK 8	670	180	0	2,231	159	393	343:34	276
TRUCK 9	1742	587	0	7,725	307	354	677:00	271
TRUCK 10	1429	315	6	3,719	67	123	466:00	34
TRUCK 11	1868	369	34	7,464	240	427	690:00	A11
TRUCK 12	994	256	0	3,053	513	314	270:40	320
TOTALS	14,735	4,819	735	56,526	2,173	3,108	6899:09	2,396

## BATTALION CHIEFS

	ALARMS ANSWERED	ALARMS WORKED	DISTRICT INSPECTIONS
BATTALION # 1	3,205	777	111
BATTALION # 3	2,463	1,181	338
BATTALION # 4	3,060	1,163	171
BATTALION # 5	2,601	1,013	65
TOTALS	11,329	4,134	685

## DEPUTY CHIEFS

	ALARMS ANSWERED	ALARMS WORKED	DIVISION INSPECTIONS
DEPUTY CHIEF # 1	1,423	846	31
DEPUTY CHIEF # 2	936	556	143
TOTALS	2,359	1,402	174



FIRE PREVENTION AND LIFE SAFETY DIVISION

Annual Report for 1989

Submitted by

John H. Anstiss, Officer in Charge

---

The Division of Fire Prevention and Life Safety is the most diverse part of the present day Fire Department. From the assimilation to verification of data the Division is involved in a myriad of services to aid the public. Almost all of the reports that affect the public in one way or other eventually end up as part of the Division's record files. When a citizen of Newark requires a verification of property damage for reimbursement either through their insurance carrier or a City welfare agency, they turn to us for assistance.

One small part of the overall efforts of the Division is the violations area; for lack of better nomenclature we will call this the enforcement section. The passage of N.J.A.C. 5:18 in 1983 has given the Fire Department the authority to impose a penalty on those property owners that do not abate their violations within a specified time limit. Is the process better now than it was before the passage of N.J.A.C. 5:18?

In 1989, the Newark Fire Department assessed and collected approximately \$44,000 in penalties. Since by law no penalty can be collected until the violations are abated, it is apparent that the percentage of abated violations is higher than in the past. Do we want to continue imposing penalties on our citizens? I should think not; however, if it succeeds in bringing compliance closer to 100%, then we will. The law itself is filled with various ways for an owner to avoid the penalty state. As our reputation increases so does the knowledge of our citizens. As a result the total fines collected should decrease, while the abatement of the fire violations, which is our primary goal, should increase.

In 1989, the enforcement section instituted 119, and initiated 672 cases in municipal court. These violators were forced into the judicial system because of lack of full understanding of the Fire Prevention Code. The court's role is one of only collecting the penalties assessed and not one of abatement, which sometimes necessitates more than one court date for each violation. The collection of docketed fines has a lot of room for improvement.

In November of 1988, a new process was started with the City Law Department for docketing judgments on the municipal court penalty judgment. The information is sent to the Superior Court of the State of New Jersey in Trenton, where the clerk then enters the monetary penalty on its docket judgment books. From that moment on the defendant must satisfy this docketed judgment with interest added on, prior to conveying any property he owns in this State. In addition to this "security" for payment of the now docketed penalty, the Law Department has several choices to coerce the defendant into paying the judgment.

FIRE PREVENTION AND LIFE SAFETY DIVISION

They may have a Superior Court judge order the defendant to appear before the city attorney, and under oath answer questions concerning all assets. If we provide the Law Department with information on the defendant's employment, the City Attorney can garnish 10% of the defendant's salary towards payment of the docketed judgment.

Finally if we provide the Law Department with information concerning property the defendant owns, a city attorney can obtain a writ of execution against it which would eventually culminate in the public sale of this property.

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TOTAL INCIDENTS -----		17,369
Fire incident response -----	5,049	
Other Response -----	12,320	
Misc. SIG. 5s Not Recorded -----		3,086

BUILDING FIRES-----		
(Occupied-----	1,004	1,148
(Vacant-----	144	

NON-BUILDING FIRES-----		3,795
(Dumpster-----	260	
(Auto -----	2,040	
(Truck/Bus/Frt.-----	98	
(Brush/Rubbish-----	1,397	

NON-HOSTILE FIRES-----		106
(G/Cooking-----	13	
(Incin./Compactor-----	78	
(Arcing/Sht.Circuit----	10	
(Other-----	5	

MALICIOUS FALSE ALARM-----		6,345
----------------------------	--	-------

ALL OTHER RESPONSE -----		5,978
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FIRE RELATED DEATHS-----		15
(Civilian-----		
(Firefighter-----	15	
	0	

MULTIPLE ALARM FIRES-----		59
(2nd. Alarm-----	50	
(3rd. Alarm-----	9	
(4th. Alarm-----	0	

SIGNAL 11-FIRES-----		237
(Occupied Bldg.-----	183	
(Vacant Bldg.-----	45	
(Non-Bldg. -----	7	
(Non-Fire Response-----	2	

MUTUAL AID TO ASSIST NEWARK -----		3
OUT OF CITY RESPONSE-----		39

FIRE PREVENTION DIVISION

(4)

TOTAL INCIDENTS -----	17,369
Fire incident response -----	5,049
Other Response -----	12,320
Misc. SIG.5s Not Recorded -----	3,086

BUILDING FIRES-----	1,254
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* (Occupied -----	1,110
(Vacant -----	144

    \*(Including non-hostile Fires as per-901 Code)

NON-BUILDING FIRES-----	3,795
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( Dumpster -----	260
( Auto -----	2,040
( Truck/Bus/Frt. ---	98
( Brush/Rubbish ---	1,397
( Other -----	0

MALICIOUS FALSE ALARM -----	6,345
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ALL OTHER RESPONSE -----	5,975
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FIRE RELATED DEATHS -----	15
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(Civilian -----	15
(Firefighter-----	0

MULTIPLE ALARM FIRES -----	59
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(2nd.Alarm-----	50
(3rd.Alarm-----	9
(4th.Alarm-----	0

SIGNAL-11 FIRES-----	237
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(Occupied Bldg. ---	183
(Vacant Bldg. ---	45
(Non-Bldg. -----	7
(Non-Fire Response-	2

MUTUAL AID TO ASSIST NEWARK -----	3
OUT OF CITY RESPONSE -----	39

PLANS EXAMINED-----		742
LETTERS SENT -----		2,177
(Regular Mail)-----	1,475	
(Registered Mail)-----	702	
COURT CASES INSTITUTED -----		119
(Violation of Fire Code)		
COURT CASES INITIATED-----		672
(Postponed )-----	570	
(Dismissed )-----	62	
(Bench Warrant )-----	6	
(Docketed Judgement)-----	5	
(Superior Court) -----	18	
(Appeal ) -----	11	
COURT TIME (Man Hours)-----		312
FINES COLLECTED (Pre — Cases)-----		0
DOCKETED FINES -----		\$144,255.00
(Not Collected)		
BULIDING REGISTERED (Life Hazard Use)-----		376
REBATE From D.C.A, Bureau of Life Safety -----		\$259,341.36
PERMITS ISSUED -----		835
PERMIT FEES COLLECTED -----		\$36,227.21
FIRE INCIDENT REPORT FEES -----		\$ 5,925.00
PENALTIES ASSESSED (For Building Code Violation/s -----		\$43,672.50
Total Fees Collected By Bureau		<u>\$ 345,216.07</u>
SEMINAR/CONTINUING EDUCATION (Man Hours)-----		530
OFFICE LECTURES/DEMONSTRATIONS (Man Hours -----		364

TOTAL BUILDING INSPECTIONS -----	21,367
(By Bureau Inspectors)-----	14,037
(Inservice Inspections)-----	7,330
 FIRE CODE VIOLATIONS PROCESSED-----	 2,534
(Bureau Inspectors)-----	1,746
(Telephone/Letters)-----	238
(Other Departments)-----	89
(In-Service Co's )-----	461
 OTHER FIELD ACTIVITIES-----	 6,981
 SPECIAL BUREAU DETAILS-----	 128
(Public Functions( Man hours)	
 FIRE INCIDENT REPORTS PROCESSED-----	 11,024
 FIRE PREVENTION LITERATURE DISTRIBUTED-----	 35,200
 VACANT BUILDING INSPECTIONS-----	 309
 SMOKE DETECTOR PLANS PROCESSED -----	 510
 SMOKE DETECTOR INSPECTIONS -----	 1,342
 SMOKE DETECTOR VIOLATIONS PROCESSED-----	 244
 KEROSENE HEATER VIOLATIONS PROCESSED -----	 8
 FIRE INVESTIGATIONS -----	 198
 PHOTOGRAPHS TAKEN (Hazardous Structures)-----	 825
 CERTIFICATE of OCCUPANCY INSPECTIONS-----	 1,531

FIRE DEATH STATISTICS

<u>MONTH</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>
JAN.	2	4	1	3	4	4	4	3	4	4	0	5	1
FEB.	4	5	12	0	1	9	1	5	0	1	3	4	2
MAR.	1	3	1	3	1	1	0	1	3	5	0	7	2
APR.	2	4	9	2	5	1	2	1	5	0	2	1	1
MAY	0	0	4	4	3	0	2	0	2	3	0	0	2
JUNE	0	0	1	3	3	1	4	0	3	0	0	3	2
JULY	3	1	0	1	2	0	1	1	0	0	1	1	0
AUG.	0	5	0	3	0	0	0	2	1	0	3	2	1
SEPT.	0	5	1	0	0	2	0	4	6	0	0	0	1
OCT.	1	1	0	0	1	6	0	0	2	2	1	3	1
NOV.	1	4	6	1	0	1	1	0	0	1	6	2	0
DEC.	14	14	2	3	6	0	6	5	2	2	0	1	2
TOTAL	<u>28</u>	<u>46</u>	<u>37</u>	<u>23</u>	<u>26</u>	<u>25</u>	<u>21</u>	<u>22</u>	<u>28</u>	<u>18</u>	<u>16</u>	<u>29</u>	<u>15</u>

(7)

FIRE DEATH STATISTICS

(By Age)

<u>YEAR</u>	<u>TOTAL</u>	<u>6 and UNDER</u>	<u>age 7 to 17</u>	<u>age 18 to 80</u>	<u>age 31 to 50</u>	<u>age 51 to 70</u>	<u>age OVER 70</u>
1977	28	5	2	5	7	6	2 + 1-Unknown
1978	46	11	8	5	18	6	3
1979	36	6	4	6	4	7	9 + 1-Unknown
1980	23	8	2	2	7	3	1
1981	26	10	1	7	3	3	1 + 1-Unknown
1982	26	6	6	2	4	7	0
1983	21	2	1	2	9	3	2 + 2-Unknown
1984	22	2	5	2	5	7	1
1985	28	2	7	5	11	2	0 + 1-Unknown
1986	18	0	0	3	6	5	3 + 1-Unknown
1987	16	7	2	3	3	1	0
1988	29	9	1	7	7	0	4
1989	15	5	0	0	4	2	1 + 3-Unknown

(8)



MULTIPLE ALARM FIRES

<u>MONTH</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>
JAN.	7	10	10	5	14	10	6	8	7	4	3	8	7
FEB.	6	9	15	13	5	10	0	6	7	10	7	6	7
MAR.	4	5	8	7	4	7	3	8	11	7	4	7	7
APR.	4	15	11	14	13	3	1	3	3	5	4	6	5
MAY	14	5	7	12	19	8	7	5	5	4	7	4	3
JUNE	4	14	6	4	7	4	6	5	3	6	6	8	0
JULY	15	12	3	10	10	6	8	3	4	6	5	5	4
AUG.	7	10	1	9	11	6	5	5	4	3	5	6	2
SEPT.	2	7	5	4	6	8	2	7	4	1	8	2	2
OCT.	9	3	4	7	8	9	3	6	7	4	6	4	3
NOV.	2	8	7	10	3	6	5	4	4	5	5	4	6
DEC.	9	9	7	9	10	7	4	13	5	8	8	13	13
TOTAL	83	107	84	104	110	84	50	73	64	63	68	73	59

1989 MULTIPLE ALARM FIRES 1989

INCIDENT #	DATE	TIME	STATION	ADDRESS	BLDG. SIZE/CLASS	CODE	ALARM
0020	JAN. 2	0310	5435	179 - Pulaski	1-St. Br. Body Shop	718	2nd.
0172	4	1953	3144	79 - Highland	3-St. Fr. Dw.	422	2nd.
0256	6	1158	4449	557-53 - 18th	2-St. Fr. Dw.	414	2nd.
0289	7	1138	3421	294 - Roseville	5-St. Br. Apt.	423	2nd.
0306	7	1858	4539	148 - Chancellor	6-St. Br. Apt.	423	2nd.
1128	25	0240	4515	374 - Hillside	3-St. Br. Dw.	424	2nd.
0966	22	0430	5152	Foot of Blanchard	Outside - Pallets	926	2nd.
(10)							
1614	FEB. 5	2246	3138	2 - Park	1-St. Br. Supermarket	512	2nd.
1837	11	1856	3235	41 - Lincoln	5-St. Br. Apt.	423	2nd.
2101	17	2103	4556	5-7 - Wolcott	3-St. Fr. Dw.	423	2nd.
2145	19	0017	3412	285-87 - 5th	3-St. Fr. Dw.	422	2nd.
2254	21	1037	4126	611 - King	21-St. Br. Apt.	424	2nd.
2264	21	1402	3419	338 - No. 7th	2-St. Fr. Dw.	414	2nd.
2280	21	2029	4445	652-54 - So. 19th	3-St. Fr. Dw.	422	2nd.
2603	MAR. 1	0502	3153	67 - 7th	2-St. Br. Dw./Wb.	511-421	3rd.
2646	2	0915	5413	117-25 - Oliver	3-St. Br. Dw.	422	3rd.
2786	4	2144	4173	162-64-66-Hillside	3-St. Fr. Dw.	422	3rd.
2800	5	0610	4173	109 - Hillside	3-St. Fr. Dw.	423	2nd.
2943	9	1201	4456	451 - So. 12th	3-St. Fr. Dw.	422	2nd.
3503	21	2341	4151	33-41 W. Runyon	3-St. Fr. Dw.	421	2nd.
3661	25	0210	4465	515-17 - So. 17th	3-St. Br. Dw.	422	2nd.

1989 MULTIPLE ALARM FIRES 1989

INCIDENT #	DATE	TIME	STATION	ADDRESS	BLDG. SIZE/CLASS	CODE	ALARM
4498	APR. 12	2341	2427	476-78 - 15th Ave.	3-St. Br. Dw.	422-915	2nd.
4798	20	0504	1477	460-62 - So. 10th St.	2-St. Fr. Dw.	414	2nd.
4945	22	2231	5352	442 - Wilson Ave.	4-St. Br. Whs.- Yard	872	2nd.
5141	27	0330	4451	765-7-9- So. 20th St.	2-St. Fr. Dw.	414	2nd.
5161	27	1356	5543	Bldg. #102 Port Newark	8-St. Br. Whs.	891	3rd.
5412	MAY 5	0001	4342	2 - Osborn Terr.	4-St. Br. Apt.	424	2nd.
5665	8	1744	1463	73-75 - Tremont Ave.	2-St. Fr. Dw.	414	2nd.
5983	15	2147	1232	269-73 - Central Ave.	3-St. Fr. Apt.	423	2nd.
JUNE (NONE)							
8556	JULY 6	0625	3215	271 - Broad St.	2½-St. Fr. Dw.	512	2nd.
8324	2	1309	4146	109 - Hillside Ave.	4-St. Br. Apt.	424	2nd.
8870	11	1933	5573	3-25 - Avenue C.	2-St. Br. Dw.	891-915	2nd.
9903	30	0355	4343	521 - Clinton Ave.	3-St. Br. Dw. w/Bus.	421-915	2nd.
10246	AUG. 6	0135	5811	226 - Lafayette St.	2-St. Fr. Dw.	414-915	2nd.
10930	21	0004	3245	600 - Broad St.	2-St. Br. Bus.	591	2nd.

1989 MULTIPLE ALARM FIRES 1989

INCIDENT #	DATE	TIME	STATION	ADDRESS	BLDG. SIZE/CLASS	CODE	ALARM
11683	SEPT. 5	2149	1537	133 - Stuyvesant Ave.	3-St. Fr. Dw.	423	2nd.
11693	6	0341	4255	172 - Avon Ave.	3-St. Fr. Dw.	422	2nd.
13328	OCT. 8	1603	1515	808 - So. Orange Ave.	3-St. Fr. Dw.	423	2nd.
13490	11	1536	4314	135 - 16th Ave.	1-St. Br. Church	131	2nd.
13869	19	0636	3235	450 - Summer Ave.	1-St. Br. Grocery Str.	512	2nd.
14763	NOV. 6	1734	3526	82 - Irving (78-80) St.	3+2-St. Fr. Dw.	423	3rd.
15345	20	0301	5448	334 - Adams St.		891	2nd.
15396	21	0437	4152	417 - Irving Turner Blvd.		423	3rd.
15397	21	0459	1475	109-15 - Johnson Ave.	4-St. Br. Apt.	423-915	2nd.
15431	21	1703	2234	56 - W. Kinney St.	5-St. Br. Apt.	424	3rd.
15516	23	1344	4452	483-85 - Springfield Ave.	3-St. Fr. Dw.	422	2nd.

(12)

1989 MULTIPLE ALARM FIRES 1989

INCIDENT #	DATE	TIME	STATION	ADDRESS	BLDG. SIZE/CLASS	CODE	ALARM
15897	DEC. 2	0013	2326	1109 - Broad St.	3-St. Br. Apt.	422-915	2nd.
16133	6	1102	4326	315 - M. Ali Ave.	1-St. Fr. Church	131	2nd.
16272	9	2246	5315	79 - Houston St.	2-St. Fr. Dw.	414	2nd.
16273	9	2318	3232	Summer & 2nd Ave.	2-St. Fr. Dw.	414	3rd.
16458	14	1340	1434	146-48-So. 10th St.	2-St. Fr. Dw.	414	2nd.
16603	17	1447	2209	413 - So. 16th St.	2-St. Fr. Dw.	414	2nd.
16632	20	0955	3162	72 - Garside St.	2-St. Fr. Dw.	414	2nd.
16876	23	0609	4436	760-62-So. 14th St.	3-St. Fr. Dw.	422	2nd.
16886	23	1129	4436	760 - So. 14th St.	3-St. Fr. Dw.	422	2nd.
17028	25	2316	5339	Roanoke & Foundry St.	2-St. Br. Storage	862	2nd.
17097	27	0335	2317	48-54 - Pennington Ct.	3-St. Fr. Dw.	422	3rd.
17199	29	0008	1236	205-07 - Sussex Ave.		421	2nd.
17314	31	0512	4548	247 - Renner Ave.	3-St. Fr. Dw.	422	2nd.

SECOND ALARMS - 50

THIRD ALARMS - 9

# HIGH RISE BUILDING REPORT

## N.H.A.

	ACTUAL FIRES	INCINERATOR COMPACTOR	FALSE ALARM	OTHER	TOTAL RESPONSE
BAXTER APTS. -----	0	0	0	1	1
BAXTER ELDERLY-----	0	0	0	0	0
BRADLEY COURT -----	0	0	0	2	2
COLUMBUS HOMES-----	24	0	3	41	68
FELIX FULD -----	0	1	0	1	2
HAYES HOMES -----	14	2	3	24	43
HAYES ELDERLY-----	0	0	0	1	1
HYATT COURT -----	0	0	1	8	9
KRETCHMER HOMES -----	12	1	11	42	66
KRETCHMER ELDERLY----	1	0	1	5	7
PENNINGTON COURT-----	0	0	0	2	2
ROOSEVELT HOMES -----	2	1	0	4	7
SCUDDER HOMES -----	6	0	4	13	23
SCUDDER ELDERLY-----	0	0	0	1	1
SETH BOYDEN COURT-----	2	2	3	10	17
SETH BOYDEN ELDERLY--	0	0	0	0	0
STEPHEN CRANE -----	3	1	1	2	7
STEPHEN CRANE ELDERLY	0	1	2	10	13
WALSH HOMES -----	4	0	13	21	38
WALSH ELDERLY-----	0	0	0	0	0
WRIGHT -----	28	1	11	81	121
TOTAL -----	96	10	53	269	428

OTHER THAN N.H.A	36	38	53	194	321
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NEWARK PUBLIC SCHOOLS

ELEMENTARY SCHOOL

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENTS	TOTAL RESPONSE
ABINGTON AVE. -----	1	9	13	5	28
ALEXANDER ST. -----	0	20	2	0	22
ANN STREET -----	0	2	13	2	17
AVON AVE. -----	0	9	5	3	17
BELMONT RUNYON -----	0	0	1	0	1
BERGEN ST. -----	0	12	3	1	16
BRAGAW AVE. -----	0	1	3	0	4
BROADWAY -----	0	30	15	1	46
BURNET ST. -----	1	14	3	0	18
CAMDEN ST. -----	0	2	2	2	6
CAMDEN MIDDLE -----	0	9	9	3	21
CHANCELLOR AVE. -----	0	5	0	1	6
CHANCELLOR AVE. ANNEX ---	0	1	0	0	1
CLEVELAND -----	0	27	2	1	30
CLINTON AVE. -----	1	1	2	1	5
DAYTON ST. -----	1	4	5	5	15
EIGHTEENTH AVE. -----	0	2	9	0	11
ELLIOT ST. -----	0	0	3	0	3
FIFTEENTH AVE. -----	1	9	7	0	17
FIRST AVENUE -----	0	1	0	0	1
FOURTEENTH AVE. -----	0	3	12	0	15
FRANKLIN -----	1	8	4	2	15
G. W. CARVER -----	0	27	13	1	41
HARRIET TUBMAN -----	0	4	2	0	6
HAWKINS ST. -----	0	8	6	8	22
HAWTHORNE AVE. -----	1	19	4	5	29
LAFAYETTE ST. -----	0	2	2	1	5
LAFAYETTE ST. ANNEX -----	0	0	0	0	0
LINCOLN -----	0	1	9	2	12
L.A. SPENCER -----	0	1	3	2	6
MADISON -----	0	7	3	0	10
MAPLE AVE. -----	0	12	7	1	20
DR. M.L. KING JR. -----	0	50	14	3	67
MCKINLEY -----	0	2	9	0	11
MILLER ST. -----	0	2	1	1	4
MORTON ST. -----	0	1	2	2	5
MT. VERNON -----	0	4	11	3	18
NEWTON ST. -----	0	1	2	0	3
OLIVER ST. -----	0	6	4	1	11
PESHINE AVE. QUITMAN ---	0	2	5	2	9
RIDGE ST. -----	0	5	4	4	13
ROBERTO CLEMENTE -----	0	9	6	5	20
ROBERTO CLEMENTE ANNEX---	0	0	0	0	0
ROSEVILLE AVE.-----	0	0	1	0	1
SOUTH ST. -----	0	1	0	0	1
SO. 17th ST. -----	0	30	7	2	39
SPEEDWAY -----	0	0	0	1	1
SUSSEX AVE. -----	0	3	0	1	4
OTHER -----	0	1	1	0	2

ELEMENTARY SCHOOL (cont.)

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONS
FLAGG A.AMELIA-----	0	9	16	3	28
SUSSEX AVE. ANNEX -----	0	0	0	0	0
THIRTEENTH AVE. -----	1	13	4	1	19
WARREN STREET -----	1	28	12	3	44
WEST KINNEY MIDDLE -----	0	0	1	0	1
DR. WILLIAM HORTON -----	0	8	8	0	16
WILSON AVENUE -----	0	30	14	2	46
QUITMAN-----	0	16	5	2	23

JUNIOR HIGH SCHOOL

BROADWAY JUNIOR HIGH -----	0	15	12	1	28
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SENIOR HIGH SCHOOL

ARTS HIGH -----	0	1	5	4	10
BARRINGER HIGH -----	8	22	14	1	46
BARRINGER PREP. -----	0	5	2	1	8
CENTRAL HIGH -----	0	2	7	3	12
EAST SIDE -----	3	21	30	3	57
ED. CTR. FOR YOUTH -----	0	0	0	0	0
M.X. SHABAZZ -----	2	19	10	6	37
NEWARK EVENING HIGH -----	0	0	0	0	0
SCIENCE HIGH -----	0	4	3	0	7
UNIVERSITY HIGH -----	1	3	11	6	21
VAILSBURG HIGH -----	0	3	5	1	8
WEEQUAHIC HIGH -----	0	10	17	1	28
WEST SIDE HIGH -----	1	10	12	1	24

PROFESSIONAL ART SCHOOL  
POST HIGH SCHOOL LEVEL

NEWARK, SCHOOL OF FINE & INDUSTRIAL ARTS -----	0	2	1	0	3
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SPECIAL SCHOOLS

	ACTUAL FIRES	FALSE ALARM	ALARM MALF.	OTHER INCIDENT	TOTAL RESPONSE
FLOYD PATTERSON -----	0	1	2	0	3
MONTGOMERY STREET -----	0	40	6	1	47
ARLINGTON AVE. -----	0	0	0	2	2
BOYLAN STREET -----	0	0	2	2	4
BRANCHBROOK -----	1	0	2	2	5
BRUCE STREET ----- ( at G.W. Carver )	0	0	0	0	0
CHESTNUT STREET -----	0	0	0	0	0
HELEN A. KELLER ----- (At L.A. Spencer)	0	0	0	0	0
JOHN F. KENNEDY -----	0	5	5	1	11
SAMUEL L. BERLINER -----	0	0	0	0	0
WEST KINNEY MIDDLE-----	2	7	0	0	9
HAROLD WILSON-----	0	0	0	1	1
N. J. REGIONAL DAY-----	0	6	11	5	22
 TOTALS-----	 27	 647	 446	 125	 1,245
(all Schools combined)					

## MOBILE PROPERTY TYPE

TOTAL

## 1-PASSENGER ROAD VEHICLES

11.	Automobile -----	2,040
12.	Bus -----	8
13.	Motorcycle, golf cart, snowmobile -----	2
14.	Motor Home, Bookmobile, etc. -----	1
15.	Travel Trailer -----	18
16.	Camping trailer -----	2
17.	Mobile Home -----	0

## 2-FREIGHT ROAD TRANSPORT VEHICLES

21.	Trucks over 1-ton, general use -----	20
22.	Trucks under 1-ton general use -----	17
23.	Semi-trailer truck -----	6
24.	Tank truck-non-flammable cargo -----	1
25.	Tank truck-flammable/combustible cargo -----	1
26.	Tank truck-compressed gas/L.P. gas -----	0
27.	Trash truck -----	12

## 3-RAIL TRANSPORTATION VEHICLES

30.		3
31.	Passenger, diner car -----	
32.	Freight, box car -----	2
33.	Tank car -----	0
34.	Container, piggy back car -----	1
35.	Locomotive engine -----	1
36.	Self-powered car -----	0
37.	Maintenance equipment car -----	0

## 4-WATER TRANSPORT VESSELS

41.	Motor craft (under 65 ft.) -----	0
42.	Vessel (over 65 ft.) -----	1
43.	Passenger ship -----	0
44.	Tank Ship -----	0
45.	Combat ship -----	0
46.	Cargo ship (other than above) -----	0
47.	Vessels without power -----	0
48.	Commercial fishing vessels -----	0
63.	Fork Lift/Moving Equipment-----	1

## 1. PUBLIC ASSEMBLY PROPERTY

12. VARIABLE USE AMUSEMENT PLACES	<u>FIRES</u>
121. Ballroom, Gymnasium -----	0
122. Exhibition Hall -----	0
123. Arena, grandstand -----	1
124. Playground -----	8
13. CHURCHES, FUNERAL PARLORS	
131. Church, Chapel -----	6
132. Religious education -----	0
133. Church Hall-meetings -----	1
134. Funeral parlor morgue -----	0
16. EATING, DRINKING PLACES	
161. Restaurant, diner -----	11
162. Nightclub -----	0
163. Tavern -----	8
164. Lunchroom, drive-in -----	0

## 2. EDUCATIONAL PROPERTY

## 21. NON-RESIDENTIAL SCHOOLS

211. Nursery school -----	1
212. Kindergarten -----	0
213. Elementary School -----	9
214. Junior High School -----	0
215. High School -----	14

## 22. RESIDENTIAL SCHOOL

221. Boarding School -----	0
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## 23. TRADE, BUSINESS SCHOOL

231. Vocational trade school -----	0
232. Business School -----	0
233. Specialty School -----	2
234. Rehabilitation Center -----	1

## 24. COLLEGE UNIVERSITY

241. College University -----	4
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FIRES

## 31. CARE OF THE YOUNG

321.	Day child-care center-----	3
322.	Orphanage -----	1
323.	Foster Home -----	0

## 32. CARE OF THE SICK, INJURED

331.	Hospital -----	15
332.	Sanitarium -----	0
334.	Clinic -----	0

## 33. CARE OF THE PHYSICALLY RESTRAINED

341.	Prison cell-men -----	1
342.	Prison cell-women -----	0
343.	Juvenile Detention home -----	0
345.	Police Station -----	0

## RESIDENTIAL PROPERTY

## 41-ONE AND TWO FAMILY DWELLINGS

411.	One family dwelling -----	51
412.	Two family dwelling -----	188

## 42-APARTMENTS, TENEMENTS, FLATS

421.	1 or 2 units w/business -----	36
422.	3 through 6 units -----	184
423.	7 through 20 units -----	83
424.	Over 20 units -----	289

## 43-ROOMING, BOARDING, LODGING HOUSE

431.	3 to 8 roomers -----	4
432.	9 to 15 roomers -----	4

## 44-HOTELS, MOTELS, INNS

441.	Less than 20 units -----	1
443.	20 to 90 units -----	2
445.	100 or more units -----	1

## 5 - STORE, OFFICE PROPERTY

51. FOOD AND BEVERAGE SALES FIRES

511. Supermarket -----	3
512. Grocery Store -----	9
513. Specialty food store -----	0
514. Liquor, beverage store -----	0
515. Creamery, dairy store -----	0
516. Delicatessen -----	0

## 52. TEXTILE, WEARING APPAREL SALES

521. Clothing store -----	0
522. Clothing access-shoe store -----	0
523. Shoe repair shop -----	0
524. Tailor, dressmaking shop -----	1
525. Fur store -----	0
526. Dry goods store -----	0

## 53. HOUSEHOLD GOODS, SALES, REPAIRS

531. Furniture store -----	0
532. Appliance store -----	0
533. Hardware store -----	1
534. Music store -----	0
535. Wallpaper, paint store -----	0
536. Rug, floor covering store -----	1
537. Furniture Repair -----	0
538. Appliance repair shop -----	0

## 54. SPECIALTY SHOP

541. Book, stationery store -----	0
542. Newsstand, tobacco shop -----	1
543. Drug store -----	0

## 6 - BASIC INDUSTRY, UTILITY

## 64. UTILITIES

642. Electric distribution center -----	0
644. Gas distributing center -----	0
645. Flammable distribution center -----	0
646. Steam distribution center -----	0
647. Water distribution center -----	0
648. Sanitary - garbage service -----	17

## MANUFACTURING PROPERTY

71 - FOOD	<u>TOTAL</u>
711-Slaughter meat -----	0
712-Dairy products, mfg. -----	0
713-Canning, Fruit, vegetables -----	0
715-Grain products, mfg. -----	0
716-Baking products, mfg. -----	1
718-Snack Food, mfg. -----	3
 73 - TEXTILES	
723- -----	
733-Wool Prod. -----	2
735-Textile finishing -----	1
736-Knitting mill -----	1
738-Floor covering -----	0
 74 - FOOTWEAR, WEARING APPAREL	
741-Footwear mfg. -----	0
742-Wearing apparel mfg. -----	2
744-Tannery -----	1
746-Leather prod. mfg. -----	0
747-Rubber prod. mfg. -----	0
 75 - WOOD, PAPER, FURNITURE, PRINTING	
751-Sawmill -----	0
753-Wood, cork prod. mfg. -----	0
754-Furniture mfg. -----	0
757-Newspaper, magazine -----	1
 76 - CHEMICAL, PLASTIC, PETRO	
762-Hazardous Chemicals mfg. -----	2
763-Plastic mfg. -----	1
767-Petroleum refinery, natural gasplant -----	0
 77 - METAL, METAL PROD.	
773-Metal prod. mfg. -----	2
774-Machinery mfg. -----	1
775-Electric Equipment, mfg. -----	1

## 86. CHEMICAL, PLASTIC PRODUCTS

	<u>Total</u>
861. Industrial chemical-----	8
862. Hazardous chemical -----	2
863. Plastic-plastic product-----	0
864. Fertilizer-----	0
865. Paint-varnish-----	0
866. Drugs-cosmetics-----	1
867. Rubber.rubber prod.-----	0
868. Photo/film storage-----	0

## 87. METAL. METAL PRODUCT STORAGE

871. Basic metal form-----	0
872. Metal parts-----	3
873. Hardware-----	0
874. Machinery-----	1
875. Elect. appliance supp.-----	0
876. Finished metal prod.-----	0
877. Scrap/junk yards-----	9

## 88. VEHICLE STORAGE

881. Garage, residential-----	31
882. Garage, parking -----	4
883. Bus-car-truck fleet dealer-----	1
884. Heavy machine equip.-----	1
885. Marinas-boat, ship-----	1
886. Aircraft hanger-----	0
887. Railway storage-----	0
888. Fire station-----	0

## 89. GENERAL ITEM STORAGE

891. General warehouse -----	10
892. Bagged mineral prod.-----	0
893. Packaged mineral prod.-----	1
894. Freight terminal-----	1
895. Coal/coke/charcoal-----	0
897. Ice storage-----	1
898. Wharf/pier-----	1

## 80. STORAGE PROPERTY, UNCLASSIFIED

808. Tool shed -----	3
----------------------	---

91. CONSTRUCTION, UNOCCUPIED PROPERTY (24)		TOTAL
DAI-	1. Under construction -----	0
	5. Vacant property -----	144
	6. Abandoned -----	0
	7. Being demolished -----	1
92. SPECIAL STRUCTURES		
	921. Bridge, trestle -----	0
	922. Tunnel -----	1
	923. Public mailbox -----	13
	924. Toll station -----	1
	925. Shelter, bus, storm -----	1
	926. Outbuilding -----	2
	927. Telephone booth -----	0
93. OUTDOOR PROPERTIES		
	930. Insufficient information -----	21
	931. Open land/field -----	33
	932. Dump/land fill -----	3
	933. Residential yard -----	49
	934. CEMETERY -----	4
	936. Vacant lot -----	585
	938. Parks -----	30
	937. River front -----	2
94. WATER AREA		
	942. Port, channel -----	2
	946. Inland water area -----	0
	943. Piers -----	2
95. RAILROAD PROPERTY		
	951. Railroad right of way -----	12
	952. Switchyard -----	3
	953. Siding -----	5
96. ROAD, PARKING PROPERTY		
	961. Divided hwy. -----	19
	962. Paved public street -----	351
	963. Paved private street -----	9
	965. Openparking lot -----	14
97. AIRCRAFT AREAS		
	971. In flight -----	0
	972. On runway -----	2
	974. At loading ramp -----	2
98. OUTSIDE EQUIPMENT - OPER. AREA		
	981. Construction site -----	2
	984. Industrial plant yard -----	2



## J.C.A. TYPE OF INCIDENT

## 2-OVERPRESSURE, OVERHEATING (no ensuing fire)

	<u>TOTAL</u>
21. Steam rupture -----	88
22. Air, gas rupture -----	8
29. Overheat, explosion -----	2

## 3-RESCUE, EMERGENCY MEDICAL CALL

31. Medical assist -----	37
32. Emergency medical call -----	188
35. People trapped -----	69
33. Lock-In -----	43

## 4-HAZARDOUS CONDITION, STANDBY

41. Gas leak/flammable liquids spill -----	184
44. Electric arc/short -----	389
45. Oilburner delayed ignition -----	236
46. Vehicle accident -----	433
49. Hazardous condition stand-by -----	144

## 5-SERVICE CALL

51. Locked out/etc. -----	19
52. Water problem -----	167
53. Smoke/odor condition -----	364
54. Animal problem -----	6
55. Police assist -----	45
56. Unauthorized burning -----	23

## 6-GOOD INTENT CALL

61. Incident cleared prior to arrival -----	24
62. Wrong location -----	3
63. Controlled burning -----	67
64. Multiple box pull -----	1
65. Steam/gas mistaken for smoke -----	13

## 7-FALSE CALL

71. Malicious -----	6,345
73. Malfunction -----	1,762
74. Unintentional -----	239
79. N.C.A. -----	2
72. Bomb Scare -----	3

JDA-ACTION TAKEN

	<u>TOTAL</u>
32-EXTRACTION -----	6
34-MANPOWER -----	784
35-SEARCH -----	0
36-TRANSPORTATION -----	0
37-FORCE ENTRY -----	0
41-REMOVE HAZARD (Spills) -----	184
52-MOVE-UP -----	69
53-FIRE WATCH -----	21
54-WATER REMOVAL -----	1
57-FORCE ENTRY -----	0
91-CODE ENFORCEMENT -----	1
98-NO ACTION TAKEN -----	24
99-NOT CLASSIFIED ABOVE -----	17

JEA-LEVEL OF ORIGIN1-LEVEL ABOVE GRADE

11-GRADE LEVEL -----	50
12-2nd. STORY -----	40
13-3rd. STORY -----	19
14-4th. to 5th. -----	2
15-6th. to 10th. -----	2
16-11th. to 15th. -----	0
17-16th. to 20th. -----	2
18-Over 20 -----	0

2-LEVEL BELOW GRADE

21-1 Story Below Grade -----	45
22-2nd Story Below Grade -----	3

JCB-CONDITION ON ARRIVAL

6-FULLY INVOLVED -----	63
7-EXPOSURE -----	57

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DIVISION OF INVESTIGATION  
( Arson Squad )  
ANNUAL REPORT FOR THE YEAR 1989  
SUBMITTED BY  
DEPUTY CHIEF JAMES V. RAYMOND

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The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year of 1989.

The complete records of all investigations conducted by the Arson Squad, including photographs, evidence, statements, etc., are on file in the Arson Squad office and will be made available to interested parties where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit or for any purpose demanded by law.

Records of juvenile apprehensions, adult arrests, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other bureaus of municipal government, such as the Newark Police Department Youth Aid Bureau, Board of Education, Fire Prevention division and the Department of Health and Welfare.

Throughout the past year, we have continued our liaison with the New Jersey State Police, Essex County Prosecutor's office, Federal Bureau of Investigation, Alcohol, Tobacco, and Firearms, New Jersey Motor Vehicle Department, New Jersey Family Services. These Agencies have given us important assistance in many of our investigations and we express our gratitude for this help.

Assisted the Division of Criminal Justice with their In-Service Training Program established under N.J.S.A. 40A: 14-7.1

Continued to cooperate with the Essex County Prosecutor's office (Arson Task Force) with investigations throughout Essex County.

The Division of Investigation has continued to investigate the illegal dumping of chemical waste.

The Division of Investigation assisted in the training of new firefighters at the Training Center. Also assisted in training other Arson units through the use of films from our library.

Members of the Division of Investigation took part in the following:

Basic Arson Investigation Course, given by the Division of Criminal Justice, in Trenton, New Jersey.

Basic Investigators Training Course, given by the Division of Criminal Justice, in Trenton, New Jersey.

ARSON SQUAD (2)

Conference sponsored by the Federal Bureau of Alcohol, Tobacco and Firearms (ATF) concerning automobile fires.

Attended quarterly meetings of the Arson Advisory Committee of the State of New Jersey.

Attended meetings on the computer aided dispatch system which will be installed in our division.

In-Service Training program on Juvenile Firesetters, given by the Division of Criminal Justice.

All members took part in training of Right to Know Act.

Attended meetings at St. Barnabas Medical Center on Juvenile Firesetters concerning psychological testing and hospital facilities available.

All members requalified in the care and use of firearms. All members also attended a 3 day transitional training in the care and use of Semi-Automatic 9mm handguns. This course was given by the Newark Police Department.

In-Service Training by the Division of Criminal Justice, given at PSE&G Training facility in Edison, N.J., and the Burlington County Police and Fire Academy.

- A. Legal Aspects of Arson
- B. Role of the Utility Company in an investigation
- C. Insurance Fraud (Civil)
- D. Car Fires, Insurance Fraud

Attended several seminars on the proper use and filing of criminal complaints ( CDR 1 and CDR 2 ).

Attended several meetings with the Municipal Court Clerk, regarding C.J.P. Court (Criminal Judicial Processing Court).

Monthly training seminars at the office of the Arson Task Force in Essex County regarding changes and updates in Title 2C, of the New Jersey Criminal Code.

Firefighter's Responsibility in Arson Detection given to all recruit classes, and newly appointed Captains in the City of Newark.

The Division of Investigation in conjunction with the Essex County Prosecutor's Office, Sheriff's Department, Newark Police Department and the Federal Bureau of Alcohol, Tobacco, and Firearms formed and are operating an Arson Task unit to put an end to Arson Fires that are happening in a particular section of the city.

INVESTIGATION FOR THE YEAR 1989 (3)

	<u>Sig. 100</u>	<u>102</u>	<u>200</u>	<u>300</u>	<u>Multiples</u>	<u>Complaints</u>	<u>Total</u>
Jan.	26	53	1	1	7	20	108
Feb.	25	72	2	1	7	17	124
Mar.	34	72	2	0	7	17	132
Apr.	25	73	1	0	5	15	119
May	32	73	2	0	3	15	125
June	31	87	2	0	0	23	143
July	45	69	0	0	4	21	139
Aug.	33	91	1	0	2	18	145
Sept.	28	77	1	2	2	9	119
Oct.	41	96	1	0	4	20	162
Nov.	33	75	0	0	5	16	129
Dec.	<u>25</u>	<u>68</u>	<u>2</u>	<u>0</u>	<u>13</u>	<u>12</u>	<u>120</u>
Total	378	906	15	4	59	203	1,565

DIVISION OF INVESTIGATION (4)  
 ( Arson Squad )  
Investigation for the year 1989

Signal 100	378
Signal 102	906
Multiple Alarms	59
Sig. 200 (Deaths)	15
Sig. 300	4
Complaints	<u>203</u>
Total	1,565

BREAKDOWN OF INVESTIGATIONS

	<u>Buildings</u>	<u>Non-Buildings</u>	<u>Vehicles</u>	<u>Total</u>
Arson	81	7	75	163
Suspicious	187	16	633	836
Undertermined	142	14	59	215
Accidental	78	12	23	113
C/Mischief	27	14	2	43
Complaints	<u>143</u>	<u>26</u>	<u>26</u>	<u>195</u>
Total	658	89	818	1,565

		<u>ARREST</u>
Adult	68	
Juvenile	<u>27</u>	
Total	95	

	<u>Juvenile</u>	<u>Adult</u>	<u>Total</u>
Reprimand	13	5	18
Signal 300	1	0	1
DYFS Referral	1	0	1
YAB Referral	<u>15</u>	<u>0</u>	<u>15</u>
Total	30	5	35

Court Appearances	76
Court Hours	228

DIVISION OF INVESTIGATION (5)  
( Arson Squad )  
Deaths by Fire 1989

<u>Date</u>	<u>Time</u>	<u>Station</u>	<u>Address</u>	<u>Sex</u>	<u>Age</u>	<u>Cause</u>	<u>Building Code</u>
1-17	2351	2337	319 Mulberry St.	M	52	Suspicious	421-5
2-4	0915	5184	17 Oxford St Bldg. #30	F	55	Accidental	424
2-17	2103	4556	5-7 Wolcott Terr.	F	42	Accidental	421
3-4	2144	4173	166 Hillside Ave.	M	5 mo.	Accidental	422
3-25	0210	4465	517-515 So. 17th St.	F	37	Undetermined	423
5-29	2257	4467	590--So. 11th St.	F	4 yr.	Accidental	414
5-29	2257	4467	590--So. 11th St.	M	6 yr.	Accidental	414
6-3	1559	4366	5-7 Winans Ave.	M	22 Mo.	Accidental	422
6-30	1929	4243	275 Peshine Ave.	M	2 yrs	Suspicious	422
4-13	0824	4504	186 So. 7th St.	M	41	Accidental	422
8-24	1234	1599	38 Lenox St.	M	60	Undetermined	414
9-5	2139	1537	133 Stuyvesant Ave.	M	43	Undetermined	424
10-27	0514	5193	181 Blanchard St.	M	35	Undetermined	41
12-9	0134	4144	301 Irvine Turner Blvd.	M	78	Undetermined	424
12-31	0457	4548	247 Renner Ave.	M	34	Arson	422

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FIRE SIGNAL SYSTEM OPERATION  
COMMUNICATIONS  
ANNUAL REPORT  
FOR THE YEAR 1989  
JOHN DI BLASIO, CHIEF  
WALTER MASZCZAK, ASST. CHIEF

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The Fire Signal Systems Division provides the citizen with a first class fire reporting system that is continuously maintained, tested and replaced when necessary with a state of the art piece of equipment. This System has over 800 public and private fire alarm boxes connected directly into our supervised digital circuitry. It also maintains a network of 25 square miles of overhead and underground cable system. We coordinate the maintenance and the inventory of all the Department emergency radios and the related equipment. The Division also receives and dispatches all radio, telephone, and box alarms, controls the status and movements of all Department units, coordinates special requests for emergency responses from other agencies, and records radio traffic and alarm activity for future references, verifies all invoices and bills relating to telephone calls. We are also a First Aid Station.

I am proud of the personnel in this Division in the largest city of the state with a performance record of receiving approximately 250,000 radio calls, 500,000 telephone calls, transmitting over 15,000 alarms and thousands of written reports; also maintaining over 800 fire boxes, 25 square miles of cable, completion of over 10,000 major and minor jobs. We service all fire stations and headquarters communications, and signaling equipment.

I would like to take this opportunity to thank Director Stanley J. Kossup, Fire Chief Lowell F. Jones, and all Members of the Fire Signal System Division for their cooperation and support in making 1989 a very productive year.



# 1. ALARMS TRANSMITTED

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Full assignment	156	158	197	182	184	215	269	196	163	194	173	202	2289
Signal eight	202	161	188	191	173	225	210	225	238	294	208	259	2574
Signal nine	508	450	516	536	492	613	707	552	550	575	460	463	6422
Total of foregoing	866	769	701	847	849	1053	1186	973	951	1063	841	924	11285
<u>2. ONE UNIT ALARM</u>													
Single company fire incidents, emergencies, etc.	554	413	484	440	516	500	550	485	518	525	478	621	6084
Single company response, Drills, repairs, etc.	146	126	176	157	324	223	242	238	227	275	253	186	2573
<u>3. GRAND TOTAL</u>													
Paragraphs #1 and #2 combined	1566	1308	1361	1444	1689	1776	1978	1696	1696	1863	1572	1731	19942

# 4. ALARMS RECEIVED FROM

a. Fire Box:	526	463	581	611	607	719	864	665	684	668	492	523	7403
b. Public Telephone:	782	637	723	653	683	749	771	699	706	808	751	897	8859
c. Central Station Automatic Systems:	85	62	66	59	49	58	64	67	63	78	49	106	806
d. Department Radio System:	27	20	15	26	26	27	37	27	16	34	27	19	301
e. Total of the foregoing:	1420	1182	1385	1349	1365	1553	1736	1458	1469	1588	1319	1545	17369

# 5. MULTIPLE ALARMS

Second Alarms	7	7	4	4	3	0	4	2	2	3	3	11	50
Third Alarms	0	0	3	1	0	0	0	0	0	0	3	2	9
Fourth Alarms	0	0	0	0	0	0	0	0	0	0	0	0	0
Total of the foregoing	7	7	7	5	3	0	4	2	2	3	6	13	59

6. FALSE ALARMS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Tel false alarms	103	42	75	65	78	88	72	55	63	83	65	74	863
Box false alarms	382	321	435	475	472	555	673	481	505	503	361	345	5508
Total false alarms	485	363	510	540	550	643	745	536	568	586	426	419	6371

7. MISCELLANEOUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Units relocated:	45	41	65	54	31	13	40	38	25	37	52	72	513
Newark units responding to other communities:	4	2	8	2	10	2	3	1	1	0	2	4	39
Out of town units responding to Newark:	0	0	0	0	0	0	0	0	0	0	2	1	3

(These figures indicate the number of incidents, not the number of units)

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FIRE SIGNAL SYSTEM OPERATION  
MAINTENANCE & CONSTRUCTION  
ANNUAL REPORT  
FOR THE YEAR 1989  
JOHN DI BLASIO, CHIEF  
WALTER MASZCZAK, ASST. CHIEF

The following is an account of this division's work performed during the twelve-month period of 1989, ending December 31st.

Subterranean ducts rodded (feet of) -----	7,700
Pull wire installed in ducts (feet of) -----	8,200
Subterranean cable installed (feet of) -----	150,000
Single line wire removed and installed new (feet of) ----	8,500
Subterranean cable removed (feet of conductor) -----	150,000
Twin "C" wire installed (feet of conductor) -----	100,050
Fire alarm boxes serviced, modified and installed -----	100
Fire alarm boxes inspected, tested and wound -----	6,900
Stanchions & junction boxes modified and replaced -----	25
Pole line construction released -----	100
Pole line transfers completed -----	125
Trees trimmed -----	75
Ground rods buried -----	112
Fire house rectifiers tested and serviced -----	25
Field inspections (hours of) -----	150
Training sessions (hours of) -----	100
Housekeeping/Vehicle maintenance (hours of) -----	100
Major job operations completed -----	3,950
Minor job operations completed -----	7,800
Pre-construction and survey conferences -----	7
Central office maintenance (hours of) -----	60
Alarms transmitted -----	17,369
False alarms received -----	6,371
Supervised box tests -----	3,000
Supervised box tests from private alarm companies -----	1,150
Newark International Airport fire alarm tests -----	365
Telephone calls handled over Centrex System (approx.) ----	498,000
Radio calls handled (approx.) -----	365,000
Number of circuits tested -----	50,000
Miscellaneous reports prepared and distributed -----	15,000
Notifications made of multi-alarm fires & other incidents	3,250
Prepare and distribute daily alarm summary reports -----	2,500

Keep inventory records of all radios, the maintenance and repairs. Also prepare Budget, Purchase Orders, policy planning and research. Including the CAD System equipment)

Verify invoices and bills relating to the Department's telephone system.

Supervise all installations of new equipment within the division.

First-Aid administered when called upon within the City Hall.

Various other related duties, bookkeeping, scheduling, etc.

SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL REPORT SUBMITTED BY  
JOHN J. TARTIS, DEPUTY CHIEF  
FOR THE YEAR 1989

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The Special Services and Supply Division operated on an around-the-clock basis throughout 1989, and continued to provide the necessary services of supply and repair to all Fire Department units, and provided services to other city departments and agencies and the community in general.

Accomplishments and services provided by the various sections of this division during 1989 are as follows:

DELIVERY AND PICK-UP SERVICE: Deliveries and pick-ups were made on a morning, afternoon and evening basis as per schedule, for routine items, and matters of an emergency nature were handled immediately. Supplies handled varied and included tools, extinguishers, oxygen and air cylinders, pumps, self-contained breathing apparatus, furniture, lockers, hose, other fire fighting equipment, Haz-mat supplies and other miscellaneous supplies.

Special Service personnel responded to fire scene with fuel for apparatus, air tanks, salvage covers, foam, Hi-Ex generator, smoke ejector, and other supplies and equipment. Salvage covers were picked up from fire scenes and returned to fire companies after being cleaned and dried. Fire apparatus repair or replacement were picked up and delivered to various locations. Vehicles and personnel were supplied to assist in relief of fire fighters at tour changes.

MASK DIVISION: The Mask Department is charged with repair and continuing maintenance of all types of self contained breathing apparatus used by the department. During 1989, a total of 2,549 masks were bench checked, repaired and rebuilt to proper working specifications, 11,897 air cylinders were checked and refilled, and 244 cylinders were repaired.

The delivery of the new Scott 4.5 Air Pak SCBA was delayed due to trouble with the face lens. All firefighters were fitted for individual facepieces.

A new computer (Posi-Chek) was purchased to test SCBA masks. The Posi-Chek is an automated instrument that performs quantitative tests and operational checks of respiratory protection devices. Posi-Chek provides a reliable method for SCB users to ensure that their SCBA equipment meets and continues to meet accepted design and performance standards.

Special Services and Supply Company (2)

Annual Report - 1989

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HOSE SHOP: The Hose Shop kept fire companies supplied with hose, nozzles, fittings and appliances during 1989. All hose was subjected to the annual pressure test. Defective or damaged hose was repaired or replaced. All pumpers are now equipped with the Elkhart Foam Nozzles. Five gallon pails of foam are stored at Special Services and Supply Company and Engine Company 27 quarters.

SUPPLY DIVISION: Tools, equipment and supplies were ordered, received, checked and recorded, stored or distributed as needed throughout the department. Personnel repaired Porto-Lites, desk lamps, extension cords, K-12 saws, generators, and other equipment. The City Carpenter Shop repaired broken hook handles, axe handles, chairs, and tables.

Through this division, maintenance and upkeep of Fire Department buildings, is accomplished through liaison with other city agencies.

LADDER SHOP: Various size metal ladders were received, stored and placed in service with fire companies. All department ladders are now maintained, and repaired by Special Service personnel.

CANVAS SHOP: Canvas items, such as mask box covers, control box covers for Truck Companies, chain saw sheaths, electrical generator covers, and rope bags are made in this division. Window shades are made or repaired for all Fire Department buildings. The firefighter assigned to the Canvas Shop also works with the Mask Shop in filling air tanks and repairing masks.

OTHER ACTIVITIES: Special Service has been charged with purchase, distribution, and replacement of safety equipment for firefighting personnel.

Portable pumps were made available to the public on 28 occasions for flooding conditions. Portable electric generators, lamps, cables and extinguishers were made available and distributed for various community demonstrations and functions.

Each division of Special Services and Supply kept records and file systems, and submitted required reports consistent with their duties and activities. Housekeeping duties were performed to maintain quarters in a clean and presentable condition.

RECOMMENDATIONS: That tour roll calls be maintained by one officer and two men. This roll call is necessary to provide supervision during night tours and to assure that more than one man is on duty during vacations, sick leave, and personal days off.

Special Services and Supply Company (3)

Annual Report - 1989

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OBJECTIVES: To continue to provide quality service to all Fire Department units, city agencies and the community in general.

To continue to secure and evaluate new products, tools and equipment. This will ensure that the firefighter will have the best available items with which to provide top service.

To work with the Telegraph Division and involved outside agencies to achieve computerization of all Special Services and Supply Company records to improve reliability and efficiency in control of inventory and record keeping.

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SPECIAL SERVICES AND SUPPLY COMPANY  
ANNUAL APPARATUS REPORT FOR THE YEAR 1989  
SUBMITTED BY CHIEF OF APPARATUS  
WALTER B. MUELLER

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In compliance with the rules and regulations, the following report is respectfully submitted, outlining the activities of the Apparatus Division for the year 1989:

- \* Performed liaison work between the Repair Shop and the Fire Department.
- \* Serviced and tested Pumpers.
- \* Time tested and inspected aerial ladders.
- \* Change-over of apparatus was made when necessary.
- \* Lubrication, oil changes, and preventive maintenance work was performed periodically.
- \* Supervised the record keeping of repairs to apparatus.
- \* Assisted in writing specifications for new apparatus.
- \* Performed an Inspection and Acceptance Testing of new apparatus.

The Fire Department has a fleet of 91 vehicles and one Fireboat, consisting of:

- 16 Pumpers
- 7 Spare Pumpers
- 4 Sqrts
- 9 Trucks
- 4 Spare Trucks
- 1 Quint
- 1 Snorkel
- 1 Rescue Squad Unit
- 1 Spare Rescue Squad Unit
- 1 Haz-Mat Truck

The remaining vehicles are assigned to Chiefs, the Training Academy, Special Services and Supply Company, Division of Investigation, Community Relations, Telegraph Division, Division of Fire Prevention and Life Safety, and Office of Emergency Management.

## SPECIAL SERVICE AND SUPPLY COMPANY (2)

## APPARATUS REPORT

In 1989, there were ten new vehicles added to the fleet:

Four Engines, one Sqrt, two Trucks, one Sedan and one Telegraph Boom Truck and a Trailer.

Eight vehicles were decommissioned during the year;  
Four Engines, Two Trucks, One Sqrt, and One Telegraph Boom Truck.

Following is a list of Vehicles and Assignments by Register Number:

<u>Reg. No.</u>	<u>Year/Model</u>	<u>Assignment</u>
1001	1982 Seagrave Rearmount	Truck Co. 4
1002	1979 American La France Rearmount	Spare Truck
1003	1985 Chevrolet Van	Training
1004	1974 Ward La France Pumper	Spare Engine
1005	1981 Continental Pumper	Spare Engine
1006	1981 Continental Pumper	Engine Co. 29
1007	1981 Continental Pumper	Engine Co. 28
1009	1989 E-One Sqrt	Engine Co. 9
1010	1989 E-One Pumper	Engine Co. 10
1011	1985 Chevrolet Van	Telegraph
1013	1989 E-One Pumper	Engine Co. 13
1014	1973 Ward La France Pumper	Spare Engine
1016	1982 Seagrave Rearmount	Truck Co. 5
1017	1981 Continental Pumper	Spare Engine
1019	1989 E-One Pumper	Engine Co. 19
1020	1975 Step Van	Haz-Mat Spill Truck
1024	1981 Continental Pumper	Engine Co. 8
1025	1987 Seagrave Pumper	Engine Co. 5
1026	1987 Seagrave Pumper	Engine Co. 6
1028	1975 Chevrolet FWD	Training
1029	1972 Mack Pumper	Spare Engine
1030	1987 Cavalier Sedan	Community Relations
1031	1987 Cavalier Sedan	Fire Prevention & Life Safe
1032	1987 Cavalier Sedan	Fire Prevention & Life Safe
1038	1983/1969 White/Seagrave	Spare Truck
1040	1974 Seagrave Aerial	Spare Truck
1041	1986 Chevrolet Station Wagon	Deputy 1
1042	1986 Chevrolet Station Wagon	Deputy 2
1044	1986 Chevrolet Station Wagon	Battalion 1
1045	1986 Chevrolet Station Wagon	Battalion 3
1046	1974 Ward La France Pumper	Spare Engine
1047	1986 Chevrolet Station Wagon	Battalion 4
1049	1986 Emergency One Pumper	Engine Co. 27
1050	1986 Emergency One Pumper	Engine Co. 11



## SPECIAL SERVICES AND SUPPLY COMPANY (3)

## APPARATUS REPORT

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1056	1981 Chevrolet Pick-up	Special Services
1059	1975 Mack	Spare Rescue Squad
1060	1985 Emergency One	Rescue 1
1061	1986 Spartan	Haz-Mat
1068	1981 Chevrolet Station Wagon	Fire Prev. & Life Safe
1071	1980 Chevrolet Station Wagon	Special Services
1072	1980 Chevrolet Station Wagon	Spare Gig
1073	1988 G.M.C. Van	Special Services
1074	1978 Chevrolet Pick-up Crew Cab	Special Services
1075	1978 Chevrolet Van	Community Relations
1076	1987 G.M.C. Pick-up	Special Services
1079	1971 Mack Snorkel	Special Call Unit
1084	1981 Chevrolet Station Wagon	Spare Gig
1085	1970 Chevrolet Cherry Picker	Telegraph
1089	1975 Seagrave Rearmount	Truck Co. 7
1091	1973 Ward La France Pumper	Spare Engine
1093	1987 Caprice Wagon	Training
1094	1987 Caprice Wagon	Telegraph
1095	1987 Caprice Wagon	Battalion 5
1100	1982 Seagrave Rearmount	Truck Co. 10
1101	1987 Caprice Sedan	Director
1103	1989 Ford Boom Truck	Telegraph
1104	1989 E-One Aerial	Truck Co. 11
1105	1989 E-One Aerial	Truck Co. 6
1108	1984 G.M.C. Boom Truck	Telegraph
1109	1986 E-One Rearmount	Truck Co. 9
1110	1985 Emergency One Quint	Truck Co. 1
1111	1986 Emergency One Aerial	Spare Truck
1112	1987 E-One Rearmount	Truck Co. 12
1113	1987 E-One Rearmount	Truck Co. 8
1116	1987 E-One Pumper	Engine Co. 16
1117	1989 E-One Pumper	Engine Co. 17
1119	1980 Chevrolet Sedan	Haz-Mat Officer
1120	1986 Chevrolet Sedan	Dep. Ch./Exec. Officer
1126	1987 E-One Pumper	Engine Co. 26
1130	1983 Malibu Wagon	Photographer
1131	1983 Malibu Wagon	Community Relations
1132	1983 Malibu Wagon	Repair Shop
1133	1983 Malibu Wagon	Fire Prev. & Life Safe
1134	1983 Malibu Wagon	Messenger
1135	1983 Chevrolet Sedan	Chief of Apparatus
1136	1983 Chevrolet Sedan	Div. of Investigation
1137	1986 Chevrolet Sedan	Community Relations
1138	1986 Chevrolet Sedan	Div. of Investigation
1139	1987 Caprice Sedan	Fire Chief
1140	1987 Caprice Sedan	Div. of Investigation
1141	1988 Caprice Sedan	Director's Office
1142	1988 Caprice Sedan	Arson Squad Chief
1152	1983 American La France Pumper	Engine Co. 12
1155	1983 American La France Pumper	Engine Co. 15

## SPECIAL SERVICES AND SUPPLY COMPANY (4)

## APPARATUS REPORT

Vehicle Inventory (cont'd)

<u>Reg. No.</u>	<u>Model</u>	<u>Assignment</u>
1156	1983 American La France Pumper	Engine Co. 21
1157	1984 Emergency One Sqrut	Engine Co. 7
1158	1984 Emergency One Sqrut	Engine Co. 18
1159	1984 Emergency One Sqrut	Engine Co. 14
1190	1989 Caprice SEdan	Emergency Management
1191	1989 Butler Reel Trailer	Telegraph
1199	The John F. Kennedy	Fireboat

The following is a breakdown of Apparatus by age, totaling 91 Units:

<u>Year</u>	<u>Engines</u>	<u>Trucks</u>	<u>All Others</u>
1989	5	2	3
1988	0	0	3
1987	4	4	10
1986	2	2	9
1985	0	1	3
1984	3	0	1
1983	3	1	7
1982	0	3	0
1981	5	0	3
1980	0	0	3
1979	0	1	0
1978	0	0	2
1975	0	1	3
1974	2	1	0
1973	2	0	0
1972	1	0	0
1971	0	1	1
1970	0	0	1
	<u>27</u>	<u>15</u>	<u>49</u>

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SPECIAL SERVICES AND SUPPLY COMPANY

HOSE SHOP  
ANNUAL REPORT SUBMITTED BY  
CAPTAIN ANTHONY GRAZIANO  
FOR THE YEAR 1989

In compliance with regulations the following report is  
submitted for the year of 1989.

		<u>HOSE INVENTORY</u>	<u>TOTAL AVAILABLE</u>
4 1/2"	In service	20 - 15 ft. lengths	300 ft.
4 1/2"	In reserve, used	5 - 15 ft. lengths	75 ft.
4 1/2"	In reserve, new	<u>5 - 15 ft. lengths</u>	<u>75 ft.</u>
		30 - 15 ft. lengths	450 ft.
4"	In reserve	279 - 50 ft. lengths	13,950 ft.
4"	In reserve, new	<u>103 - 50 ft. lengths</u>	<u>5,150 ft.</u>
		382 - 50 ft. lengths	19,100 ft.
3"	In service	16 - 50 ft. lengths	800 ft.
3"	In reserve, used	<u>261 - 50 ft. lengths</u>	<u>13,050 ft.</u>
		277 - 50 ft. lengths	13,850 ft.
2 1/2"	In service	269 - 50 ft. lengths	13,450 ft.
2 1/2"	In reserve, new	117 - 50 ft. lengths	5,850 ft.
2 1/2"	In reserve, used	<u>118 - 50 ft. lengths</u>	<u>5,900 ft.</u>
		504 - 50 ft. lengths	25,200 ft.
1-3/4"	In service	270 - 50 ft. lengths	13,500 ft.
1-3/4"	In reserve, new	<u>97 - 50 ft. lengths</u>	<u>4,850 ft.</u>
		367 - 50 ft. lengths	18,350 ft.
1 1/2"	In service	42 - 50 ft. lengths	2,100 ft.
1 1/2"	In reserve, used	<u>14 - 50 ft. lengths</u>	<u>700 ft.</u>
		56 - 50 ft. lengths	2,800 ft.

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SPECIAL SERVICES AND SUPPLY COMPANY

PERFORMANCE REPORT

1989

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Number of alarms answered	134
Number of pickups and deliveries made	14,895
Gasoline delivered at fires (gallons)	72
Motor oil distributed at fires (gallons)	32
Diesel oil distributed at fires (gallons)	1,083
Electric generators used (number of times)	10
Floodlight cable used (number of feet)	18
Number of lights used	16
Window shades made	60
Portable pumps supplied for flooding	28
Hours for delivery and instruction on pump	78
Porto-lites repaired (number of)	205
Porto-lite batteries delivered	1,340
Foam delivered (gallons)	697
Oxygen cylinders refilled (number of)	130
Air cylinders refilled	11,897
Air cylinders repaired	244
C.O. <sup>2</sup> Extinguishers refilled	251
Dry powder Extinguishers refilled	225
Masks repaired (number of)	2,549
Canvas covers made	55
Smoke ejector used on special calls	0
Hi Expansion foam on special calls	1
Ladders repaired (number of)	28
Ladders repaired (feet of)	450
Movement of apparatus	46
Hooks repaired	82
Salvage covers pickups	71
Saws repaired	237
Generators repaired	43
Salvage covers delivered	92

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CITY OF NEWARK FIRE DEPARTMENT  
DIVISION OF TRAINING  
34 JERSEY STREET  
NEWARK, NEW JERSEY 07105

FIRE TRAINING CENTER (1)

A N N U A L   R E P O R T  
- - - - -  
FOR THE YEAR 1989

Stanley J. Kossup  
Director

Lowell F. Jones  
Fire Chief

From: Deputy Chief Alfred Freda  
To: Fire Director Stanley J. Kossup  
Subj: Annual Report for 1989

Sir,

The Division of Training is responsible for all phases of Fire Department training. This responsibility includes training of recruit Firefighters, in-service Fire Personnel, and Industrial Fire Brigades. These responsibilities are accomplished through course materials based on the National Fire Protection Association's Standard 1001 and the International Fire Service Training Association.

The following major training programs were instituted under the direction of Training Division personnel during the 1989 fiscal year.

MAJOR TRAINING PROGRAMS OF 1989

Detection of Hazardous Materials, Haz-Mat Team.....1/18  
Completed Right to Know Training, Entire Department..1/31  
Officers' Training for Newly Promoted Captains...2/13-2/16  
First Responder Emergency First Aid, Dispatchers..3/10-4/12  
Breath Play Training, Haz-Mat Team.....3/14-4/20  
Officers' Training for Newly Promoted Captains...4/3-4/7  
Completed I.C.S. Training for Department Officers..4/12  
S.C.B.A. and G.O. Training for Reappointed F/F.....4/17-4/18  
Haz-Mat Response with N.J. D.E.P., Haz-Mat Team.....5/2  
Air Crash and Marine Seminar, Haz-Mat Team and Chiefs...5/30-6/2  
Weekend Training.....6/11- on-going  
Haz-Mat Drill, Haz-mat Team.....7/19  
22nd Probationary Class.....8/14-9/22  
Haz-Mat Incident Command, Haz-Mat Team and Chiefs...9/7-9/14  
Officers' Training for Newly Promoted Captains.....9/25-9/29  
Leak and Spill Control, Haz-Mat Team.....10/15-10/22  
Firefighter Safety and Survival, Entire Department..10/23-on-going  
Emergency Medical Technician Training, Haz-Mat Team...11/1-on-going

## FIRE TRAINING CENTER ANNUAL REPORT FOR 1989

Detection/Monitoring/Sampling, Haz-Mat Team.....11/6-11/13  
 Computer Usage, Dispatchers.....11/13-11/17  
 Hazardous Materials Chemistry, Haz-Mat Team.....12/4-12/8  
 Officers' Training for Newly Promoted Captains.....12/4-12/8  
 23rd Probationary Class.....12/11- on-going

## WEEKEND TRAINING

In order to increase our productivity and utilize our Academy during weekends when it is usually vacant, we have embarked upon a program of weekend training for all line officers and men. Commercial video productions; video tapes produced by our own video team; slide presentations; and 16mm films are utilized to present pertinent subjects to field units that report to the Academy on both Saturday and Sunday. Drills are conducted in the classroom and on the drillfield. We have been able to train an additional 140 officers and men every month since we began this program; dramatically increasing our productivity.

## SPECIALIZED TRAINING

Newark Police Recruits: Haz-Mat/Search-Rescue/Extinguishers  
 East Orange Fire Department: I.C.S./ S.C.B.A./Fire Attack  
 West Orange Fire Department: S.C.B.A./Fire Attack  
 Elizabeth Fire Department: I.C.S.  
 Bloomfield Fire Department: I.C.S.  
 Kearny Fire Department: I.C.S.  
 N.J. D.E.P.: I.C.S.  
 University Hospital: I.C.S.  
 Irvington Fire Department: I.C.S.  
 Union Fire Department: I.C.S.  
 Paterson Fire Department: I.C.S.  
 U.S. Post Office, Main Newark Office: Haz-Mat Awareness

## DEMONSTRATIONS

Magna Com Ear Mike System  
 Responder Level "A" Haz-Mat Fully Encapsulated  
 Window Bar Demonstration

An important aspect of the Division's responsibility is the training of Industrial Fire Brigades and security forces of other government agencies. Training in fire fighting and related subjects was offered to the following agencies.

Saint James Hospital	Franklin St. School
Essex County College	U.M.D.N.J.
WNJR, Radio Talk Show	Newark Museum
Newark Police Identification Bureau	

Other than the training functions of our staff, members are involved in other non - training types of activities. Among these activities are:

(3)  
FIRE TRAINING CENTER ANNUAL REPORT FOR 1989

AUDIO-VISUAL PRODUCTIONS

The Audio-Visual Department continues to operate under normal guidelines, filming at some fires and related emergencies so that we have visual records for training and critiques. In the ensuing year, we have continued to film and edit all phases of Haz-Mat Training and other activities in the field.

Training exercises and lectures are filmed for showing to units in the fire houses. We continue to catalog all of our file footage of actual fires in the City and will use these to produce new training materials.

Additionally, our staff has frequently been filming non-emergency events for use by other City agencies. The raw footage is then edited and the final product delivered to the agency involved.

It is expected that in the coming months we may acquire new editing equipment for the video room. This acquisition will enable us to produce a far more professional product, worthy of being labeled with the Newark Fire Department Logo.

FIRE BOAT JOHN F. KENNEDY

The Chief of Training is also responsible for the twenty-four hour operation, availability, and readiness of the City's only fireboat. The Academy staff is ready to man the boat during normal working hours to augment the manpower of the one firefighter normally assigned to the boat. Deputy Chief Alfred A. Freda goes on standby when a light duty firefighter is assigned to the boat. When off duty, he responds from his home in times of emergency to man and operate the boat.

The boat is now fully operational and is kept in a high state of readiness. The regularly assigned personnel continue to train selected line companies to aid them in times of need. An inflatable Zodiac provides the potential to respond to life threatening emergencies very quickly, especially in areas of the waterway where the fire boat is unable to navigate.

The utility boat (ZODIAC) was acquired to help spread flotation devices in the waterway. These are used to contain spills, especially in cases of Haz-Mat water emergencies. All of the auxiliary line companies have been trained in the operation of this utility boat.

Fireboat personnel are utilized on weekends to act as instructors for weekend training. They set up audio-visual equipment; show tapes and slides; and keep records of all weekend training activities.

An additional duty taken on by the fireboat over the past year has been inspecting the Passaic River for pollution. The boat now makes daily inspections of the river and will shortly

## FIRE TRAINING CENTER ANNUAL REPORT FOR 1989

begin checking the sixteen outflows from the City for illegal discharges.

## HAZARDOUS MATERIALS LIAISON OFFICER

The Training Commandant has been assigned by the Fire Chief as the Haz-Mat Liaison Officer. Not only has the Training Academy been heavily involved in training this specialized unit, but it has become the hub for all its activities. Special report forms and documents have been created to document the operations of this unit. These forms are regularly filed in this office after being viewed by the Fire Chief.

Research and procurement of specialized equipment for the Haz-Mat team is also being handled by this office. The Newark Fire Department is in the forefront of hazardous materials response in the Northern New Jersey area. It has become common for our Department to receive telephone calls from all parts of the country seeking our advice and expertise in these matters. The Haz-Mat Truck has within its Self Contained Command Center three functional programmable radios. These allow us to communicate with all concerned agencies in the State. The cellular phone carried in the Command Center gives the unit not just telephone to telephone communications, but computer to computer communications as well. We have just renewed our contract with Occupational Health Services. This service provides the Haz-Mat team with up-to-date data on hazardous materials. The data base is contained on a CD ROM disk and is updated quarterly. The computer used to run this CD reader is carried aboard the Haz-Mat Truck.

An additional portable computer with CD ROM reader has been acquired and will be placed with the Fire Alarm Operators in City Hall. This will provide a back-up system for the Haz-Mat Team and can be used by the operators to research any material requested by a field unit.

## CHAIRMAN, SAFETY REVIEW AND ACCIDENT PREVENTION BOARD

Under General Order F-1, the Academy Chief has been assigned the role of Chairman of this important committee. Under this general order, the board has been holding regular monthly meetings, reviewing safety concerns, and investigating methods to reduce the number of accidents occurring in the Department. During the last twelve months, several accidents have been investigated with reports and recommendations forwarded to the office of the Fire Chief. The annual report of this committee will be forwarded separately.

Under the direction of the Training Commandant, Firefighter Shackelford has taken on the added duties of correlating and processing all accident information and forms generated in the Department. This data has been entered into the academy computer data base in a manner that will produce the statistical data that the Board and the Department need to better manage the problems producing costly accidents and injuries.

There has been a substantial drop in the number of accidents involving Department vehicles over the course of 1989. Although



## FIRE TRAINING CENTER ANNUAL REPORT FOR 1989

this drop can be attributed to many factors, there can be no doubt that one important factor has been changes in the manner vehicular accidents are handled by the Department. These changes have come about because of the availability of the data generated by F/F Shackleford.

## DRIVER CERTIFICATION

The Training Academy Staff continues to certify apparatus drivers under Fire Department policy. Since assuming this responsibility from the Division of Motors, we have insisted on quality and have noted a change in the quality of the drivers seeking certification.

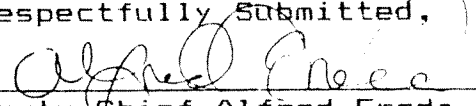
## TRAINING RECORDS

Over the past year, we have begun the tedious task of entering all Department training records into a computerized data base. This will enable the Department to monitor training activities more closely. When this task is completed, we will be able to provide a more complete profile of the training received by Department personnel. This information could then be used to focus our training efforts on weak points found within our ranks. It is hoped that by providing a more focused training program for our members they will be able to more safely perform their assigned duties.

The Commanding Officer of the Training Academy would like to express his heart-felt thanks to his limited staff; Captains Duerr, Wargo, and Savarese; Firefighters Fredette, Lopes, Stoffers, and Shackleford for their dedication and unselfish motivation toward carrying out all of the programs enumerated in this report. Additionally, I wish to pass along a special word of thanks to Captain A. Wargo and Firefighter A. Lopes, both of whom carried video presentations to firehouses through-out the City. Without these types of individuals it would have been impossible to carry out all our tasks successfully.

And of course, a large part of our success belongs to Director Stanley Kossup and Fire Chief Lowell Jones, without whose progressive and enthusiastic leadership, it would not have been possible to achieve our stated goals.

Respectfully Submitted,

  
Deputy Chief Alfred Freda  
Training Division, Commanding

CITY OF NEWARK  
FIRE TRAINING CENTER  
ANNUAL PERFORMANCE REPORT  
FOR THE YEAR 1989

Stanley J. Kossup  
Director

Lowell F. Jones  
Fire Chief

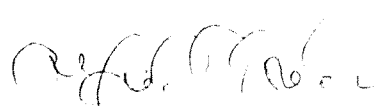
Date: January 17, 1990

<u>Academy Training</u>		<u>Demonstrations/Attendance</u>	
DRILLS IN QUARTERS	129	FIRE PREVENTION	5 141
DRILLS OUT OF QUARTERS	29	EXTINGUISHERS	2 138
TOTAL DRILLS	158	FIRST AID	1 23
HOURS OF INSTRUCTION	1114		
MAN HOURS	27,059		
TOTALS	28,173	TOTALS	8 302

CERTIFICATIONS: Drivers 30

FILMS AND TAPES SHOWN: 497 WITH 2159 IN ATTENDANCE.

Respectfully submitted,

  
Deputy Chief Freda

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PLANNING AND RESEARCH DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOHN J. VALENT, DEPUTY CHIEF  
FOR THE YEAR 1989

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During the year 1989, the Planning and Research Division provided staff assistance as directed by the Fire Director. Assistance was also provided to other agencies when requested.

Areas of activities included, but were not limited, to the following:

CAPITAL BUDGET PREPARATION AND MONITORING

New Construction - Fire Facilities

- (a) South Orange Avenue and South 9th Street.  
Construction commenced during 1989 with estimated completion scheduled for Fall 1990.  
Project funded through 1986 and 1989 Capital Budgets.  
This facility will quarter Engine Companies 6 and 11, and Truck Company 11.
- (b) Clinton and Milford Avenues. This Project currently in design and site planning phase with construction scheduled to commence in Fall 1990 and estimated completion in Fall 1991. Project funded through 1986, 1988 and 1989 Capital Budgets. This facility will quarter Engine Companies 10 and 12, Truck Company 5, Deputy Division 1, Special Service and Supply Division, and the Fire Signal System / Construction and Maintenance Division.

EXISTING FIRE FACILITY REHABILITATION PROGRAM

This program schedules major reconstruction of facilities, as required, to maintain and update.

1988 Capital Budget (in progress)

- (a) Engine Companies 21 and 26, Truck Company 12
- (b) Engine Company 27, and Truck Company 4
- (c) Rescue Company 1, and Truck Company 1
- (d) Engine Company 18, and Truck Company 9

1989 Capital Budget (scheduled 1990)

- (a) Engine Company 5
- (b) Engine Company 7

Planning and Research Division (2)

1990 Capital Budget (requested)

- (a) Fire Training Center
- (b) Fire Headquarters

APPARATUS REPLACEMENT PROGRAM

This program is designed to maintain all first line apparatus at an age of 10 years or less, and spare apparatus of 14 years or less. The program is currently on target and will be maintained if two Pumpers and one Aerial Ladder Truck are replaced each year.

SICK LEAVE AND INJURY REPORTING SYSTEM

Sick leave and injury reports are monitored and coded daily. Reports pertaining to sick and injury leaves are presented to the Director on a semi-weekly basis.

MONITORING OF ON-DUTY MANPOWER AND PERSONNEL ASSIGNMENTS

Daily roll call records are maintained for all Companies. Manpower projections are determined for vacation periods and emergencies, along with overtime needs to ensure adequate manpower.

SCHOOLS, CONVENTIONS, SEMINARS

A file and schedule of all upcoming Fire Service educational events are maintained. Arrangements for travel, registrations, and expenses are handled through this Division.

FUEL CONSERVATION (MOTOR VEHICLES)

All motor vehicle fuel consumption, within the Department, is monitored by this Division.

AFFIRMATIVE ACTION

This Division submits quarterly reports to the Human Rights Commission concerning all Department activities in the following areas:

- (a) Appointments
- (b) Retirements
- (c) Promotions
- (d) Demotions
- (e) Resignations

In addition, annual reports of all employment activities and salary listings, on a twelve month basis, from July 1st through June 30th, of the following year, are forwarded to the Human Rights Commission.

GENERAL ORDERS OF THE DEPARTMENT

This Division maintains, reviews, and re-issues the Department's General Orders, as directed.

DATA PROCESSING

This Division is currently in the process of reevaluating the Data Processing resources and future requirements of the Department.

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COMMUNITY RELATIONS DIVISION  
ANNUAL REPORT SUBMITTED BY  
JOSEPH J. PIERCE, DEPUTY CHIEF  
FOR THE YEAR 1989

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Once again in 1989, the Community Relations Division continued its commitment of service to the citizen of the citizens of the City of Newark.

During the year, the Community Relations Division performed the following services:

- A. Relocated 1,745 fire victims.
- B. Closed 361 fire hydrants.
- C. Delivered 453 film, slide, and video tape presentations to community groups, senior citizens organizations and other miscellaneous civic organizations.
- D. Presented 287 Fire Prevention and Education programs, seminars and fire drills to a wide range of business, industrial and institutional occupancies; including "hands-on" live fire demonstrations.
- E. Distributed nearly 22,000 fire safety training and fire prevention handouts to a wide range of age groups throughout the city.
- F. Distributed 3,000 copies of the winning entry in the Fire Prevention Poster Contest.
- G. Performed 477 school educational seminars involving the use of films, slide programs, handouts and the appearance of departmental fire company equipment and personnel.

The Community Relations Division operates a 24-hour, seven-day-a-week fire victim relocation program. We assist fire victims in finding emergency shelter in cooperation with public and private charitable organizations such as the American Red Cross. In 1989, the division relocated 1,745 fire victims. This figure is down owing to the decrease in the number of fires occurring in the city.

Chief Pierce, the Division Commander, serves as Water Supply Officer for the Fire Department. In that capacity, he attended a number of meetings with Water Department personnel, regarding the implementation of the "Hydro-Shield" safety cap program for hydrants throughout the city. His guidance and direction have assisted the Water Department in developing a program to bring damaged hydrants back on line in a more expeditious manner.

## COMMUNITY RELATIONS DIVISION (2)

In past years, the illegal opening of fire hydrants was a major problem. As a result of the new program of hydrant safety locking caps, the Community Relations Division is proud to report a tremendous drop in the number of illegally opened hydrants which were shut down by division and departmental personnel. We dropped from 1,054 in 1988 to a total of 361 in 1989. This is an outstanding accomplishment. All hydrant closings were performed without incident.

Once again, the Community Relations Division delivered an active agenda of Public Fire Safety Education programs to the citizens of Newark. A total of 453 community based program deliveries were made during 1989. These offerings reached each segment of the city's population. These sessions took the form of lectures, video-taped programs, films and slide cassette programs.

1989 was an extremely active year for fire safety education in the Newark school system. Every school in the city received at least one fire safety education program, with many receiving grade-level and special interest programs and assemblies.

An extremely successful program was developed by Firefighter Bernard Buggs of Engine Company No. 29. Known as the "Rapping Firefighter", Firefighter Buggs entertained literally thousands of school children with his rhythmic fire safety message geared to the minds and ears of his youthful audience.

In 1989, the United Way program of giving was handled by Community Relations Division personnel. Through the personal involvement of division members, donations once again continued their upward climb rising to over \$10,000, making us the top agency in city government.

Division personnel also continued their delivery of specialized fire safety and training programs for members of the business and industrial community. This involved lectures, hands-on fire extinguisher training, fire code informational briefings in a wide range of high-rise, industrial, mercantile and institutional occupancies. Over 287 of these programs were delivered by division members.

In 1989 the division conducted the planning for the new Auxiliary Fire Fighter/Explorer-Cadet Program to be implemented by mid-1990. This will be a program of active participation, with bi-monthly meetings, drills and community service projects. The Community Relations Division intends to blend this program in with its total package of personnel recruitment, as the New Jersey Department of Personnel grants additional points on the entrance examination for bonafide participation in such explorer/cadet programs.

COMMUNITY RELATIONS DIVISION (3)

It is the intention of this division to acquire a vehicle for these auxiliary/cadet/explorers to use in their response to fire emergency situations. They will be trained to provide such ancillary fire scene functions as crowd control and the erection of fire lines. These people will also be trained in a wide range of fire and first aid skills.

Once again in 1989, the Community Relations Division administered the departmental recruitment program, training a number of city residents to prepare them for the state department of personnel physical examinations for the position of Firefighter.

The third annual city-wide fire safety poster contest was held in conjunction with the Art Department of the Newark Board of Education. An awards luncheon was held in the Vail Hall auditorium of the New Jersey Bell Corporation located 540 Broad Street. Thirteen students received \$100 Savings Bonds which were graciously donated by corporate members of the Newark Fire Safety Council. Well over 300 entries were received from school students throughout the city. The grand prize winner received a \$500 Savings Bond.

The Newark Fire Safety council continues its steady growth. Our film library has experienced a further increase which has allowed the division to improve its capabilities in such areas as burn prevention, fire extinguisher use and children playing with matches. The ground work has been laid for the next phase of the safety council's growth and involvement. A satellite down-link capability is planned for 1990, as well as a fire safety resource library at the old Rescue Squad quarters located at 44 Mt. Prospect Avenue.

Finally, the division enlarged its annual Christmas Toy Drive, through the Newark Firemen's Charity Fund. Through the involvement of the city's church community, the division was better able to reach those needy persons in the inner city who look to our fund as the basis for a happy holiday season.

The Community Relations Division is proud of its efforts in 1989. However, it is our intention to improve even more in 1990.

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NEWARK OFFICE OF EMERGENCY  
MANAGEMENT

ANNUAL REPORT 1989  
ROBERT D. SWALES  
DEPUTY COORDINATOR

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The **Newark Office of Emergency Management** is a division within the **Fire Department**, headed by the Deputy Coordinator of Emergency Management.

**OBJECTIVES**

The objectives of the **Newark Office of Emergency Management** are; to respond to all major life and health threatening incidents (such as hazmat incidents) within the City of Newark, and to provide through that response the coordination of the efforts of all agencies and entities involved in responding to the incident, including public agencies from any level of government, private sector agencies, community and relief agencies and representatives of business and industry; to prepare for, respond to, mitigate and recover from the effects of these incidents; to relieve **Hazmat** and **Fire Companies** from engagement in such incidents immediately after the response phase is completed; to maintain an equipped administrative office; to prepare and to coordinate the preparation of, detailed plans for survival actions under various conditions, ensuring the full participation of all departments and agencies (public or private) that have a potential contribution; to make adequate plans for the management of all resources in the city; to ensure implementation of the state plans for the continuity of government at all levels during emergencies; to coordinate the continual updating of all such plans and lists of personnel who would supplement various city departments in a crisis; and to provide coordination with the military establishments, reserve or regular, within the geographical boundaries of the city, for their assistance, if needed; to coordinate the **Local Emergency Planning Committee** (LEPC) as mandated by SARA; to provide an avenue of public access to information as mandated by SARA; to ensure industry compliance to SARA legislation; to maintain files and records of SARA reporting facilities; to take the necessary actions, in conjunction with other city agencies, that lead to the apprehension and prosecution of illegal dumpers and others responsible for endangering the welfare of the people of Newark through noncompliance or faulty compliance with chemical industry, transportation or handling regulations in the City of Newark through the exercise of surveillance, inspection or other means of detection; to provide, through the **EOC**, an Emergency Operating Facility capable of housing representatives of city government and city agencies for the purpose of providing command and control during an extended period of emergency; to provide the citizens with an adequate and properly maintained Air Raid Warning System, sufficient fallout shelters (either community or private), properly stocked and protected; and to meet

**FEMA** (Federal Emergency Management Agency) requirements for a co-funded municipal emergency management agency and the compliance requirements originating from the **New Jersey State Police Office of Emergency Management** and the **Essex County Office of Emergency Management**, which include the provision of emergency management training and participation in state-wide and county-wide drills and exercises; and to provide personnel from the various agencies of the City of Newark with the opportunity to participate in emergency management training courses such as the **Radiological Course** which was recently offered at the Fire Training Academy, for which 108 people in city services received certification.

#### **Hazmat**

Field response personnel from **OEM** (Newark Office of Emergency Management) work in close cooperation with the **Hazmat** team of the **Newark Fire Department**. therefore, we are highly aware of the contribution they make to the protection of the welfare of the people of Newark. We would like to take this opportunity to offer the highest praise to the men of **Hazmat, Truck One** and **Rescue One** for their competence, readiness and courage, and for the state of their training and equipment. We believe that this contingent, riding from one of the busiest houses in the city, is the best hazardous materials response team in the country. It should be remembered that the primary duty of these units is, as always fighting fires; the versatility and the abilities of these men qualify them as a precious resource for the city, and we believe this should be more widely recognized. Our efforts, and the efforts of all response agencies to hazmat incidents are contingent upon the actions of these units who handle the "hot" or immediate effect phase of the incident.

#### **Field Response**

The **Newark Office of Emergency Management** is specifically charged with the responsibility of responding to all hazardous materials incidents and multiple alarm fires. In the case of hazmat incidents, the **OEM** is not only a first-response agency, it also the coordinating authority for cooperative action between city agencies and county, state, and federal agencies such as the **NJDEP** (New Jersey Department of Environmental Protection), the **EPA** (Environmental Protection Agency), the **Essex County OEM** (Office of Emergency Management), the **NJOEM** (New Jersey Office of Emergency Management) **Division of the New Jersey State Police**, and any private sector companies such as contractors and industry officials that may be involved.

In this role the **OEM** negotiates on behalf of the City to reduce clean-up costs, remains on site to secure such agreements and ensure that proper recovery procedures are instituted, and generally follows up each incident to its conclusion, that is through clean-up and through the maze of litigations that are spawned by these incidents, sometimes lasting for years after the occurrence, always continuing long after the other response agencies have taken up, and it is due to this function of the **OEM** that **Hazmat** and **Fire Companies** are able

to terminate their involvement in the incident at the logical transition between the response and recovery phases. In this context, the OEM works closely with a number of city departments such as the Fire Department, the Department of Engineering, The Law Department, and the Newark Police.

The Newark Office of Emergency Management responded to 270 hazardous materials incidents in 1989. The nature of these responses includes on-site investigation of incidents, coordination of efforts with the Department of Environmental Protection, the Hazmat unit and other units of the Newark Fire Department, the Environmental Protection Agency, and the Newark Department of Engineering to evaluate the actions leading to the apprehension of responsible parties. The OEM maintains an interest in each incident from discovery through clean-up, to ensure that the situation is corrected. A number of incidents require a very close monitoring, such as the site at Hub Recycling under Rt. 78 where a major fire burned for more than a week and destroyed a section of the highway. Newark OEM personnel spent hundreds of hours over the course of several months coordinating the efforts of City agencies with the DEP, EPA, NJ State Police and other agencies from the beginning of the incident all the way through the clean-up stages.

The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The Newark OEM also has responsibility for opening temporary shelters for citizens who may be displaced in these incidents.

The primary function of the OEM in three alarm fires is to provide for the opening and operation of contingency shelters for large numbers of people when this becomes necessary. The OEM works as a coordinating agency in contact with the Essex County Chapter of the American Red Cross and the Superintendent of Schools as well as other social service agencies to ensure the provision of this shelter. For example, when over 120 people were displaced by the fire on Johnson Avenue, the OEM coordinated the opening of Shabazz High School to provide care and shelter through the American Red Cross, the Salvation Army, and other agencies.

The OEM is also the agency that responds to reports of illegal dumping in the City, and as such performs surveillance, assists in apprehension, and provides testimony in court in order to ensure the prosecution of illegal dumpers. In the past year, two parties were prosecuted and fined for this activity, and bench warrants were issued for two others, due to the direct interventions of OEM personnel. Several other cases are still pending in court. In this context, the OEM works in conjunction with the Law Department, the Prosecutor's Office, and the Newark Police.

These functions, which it is necessary to execute on an ever-increasing basis due to the frequency of these types of occurrences in the City of Newark, are functions for which the **Newark Office of Emergency Management** is on call twenty four hours a day, everyday; they are constantly occurring, they are often long enduring, and they generate an intense amount of reports and other types of paperwork. OEM field response personnel are, consequently, working many hours over and above the "standard" 35 hour week. The OEM has only two people to utilize for these functions.

### TITLE III

Among the newest and most dramatic changes in the modernization of the concept of Emergency Management are the duties attached to this office as a result of the Superfund Amendments and Reauthorization Act (SARA), passed by Congress in the fall of 1986. Title III of this act, the Emergency Planning and Community Right-to-Know Act, directs states, communities and industry to work together to plan for chemical accidents, develop inventories of hazardous substances, track toxic releases, and to provide public access to information on hazardous substances.

The following is an excerpt from the Community Right-To-Know Manual, Thompson Publishing Group, Inc. 1987:

Title III is burdensome. Hundreds of thousands of material safety data sheets, hazardous chemical inventory forms, annual release forms and other pieces of paper will have to be submitted and collated in some meaningful way at the federal, state and local levels. Officials at EPA, industrial facilities, state emergency response commissions, local emergency planning committees, fire departments and volunteer agencies will spend countless hours complying with this law.

To address the state's responsibilities under **Title III**, Governor Kean issued Executive Order 161 on February 13, 1987. This order identifies every county and municipal government as responsible for the preparation of its own Emergency Operating Plan in accordance with the provisions of **Title III** and the Civil Defense and Disaster Control Act. Part five of Executive Order 161 orders and directs the OEM within the Division of the State Police to serve as the primary agency for implementing the Act's **Title III, Subtitle A** requirements.

Pursuant to the provisions of this order, the NJOEM has taken the following measure to fulfill the requirements of the Emergency Planning and Community Right-To-Know Act of 1986, PL99-499:

The requirement to establish emergency planning districts has been met by designating each municipality and county as a planning district. This is consistent with the Civil Defense and Disaster Control Act which does require that each subdivision prepare an Emergency Operating Plan.

The impact of these legislations and interpretations is that the City of Newark has inherited the responsibility of ensuring industry compliance, reviewing and approving industry emergency operating plans, organizing and directing the **Local Emergency Response Council**, providing public access to information and compiling, filing and retrieving the voluminous paperwork involved for all the industrial facilities in the City of Newark who come under this Act. Currently, a number of city agencies are engaged in the process of implementing **Title III**, including the **Fire Department**, the **Department of Engineering**, the **Department of Health and Welfare** and the **Newark Office of Emergency Management**.

The **Newark Office of Emergency Management** occupies a unique position in this alignment as it is related to the other emergency management agencies of the county, state and federal governments as well as it is related to its sister agencies within the City of Newark. Since The **OEM** derives its authority from legislations originating on the federal and state levels to be applied by the municipal government, and since it is partially funded by the state and comprises the link in the emergency management chain which connects these empowering authorities with the municipal executive authority, the **Newark Office of Emergency Management** occupies a pivotal position, providing liaison and coordination to the entire process.

#### **The Local Emergency Planning Committee (LEPC)**

Since the **OEM** is mandated by federal and state law to coordinate the implementation of **Title III (SARA)** legislation in conjunction with the Newark Departments of **Fire, Engineering, Police, Health** and other agencies, The **OEM** is currently working with private industry and with city agencies to meet the requirements of this legislation within the specified time frame. The **LEPC** was organized according to the participation formula specified in **Title III** and several meetings, chaired by **Mayor Sharpe James** were held. A public forum was held at the Quality Inn on September 12, 1988, in order to ensure the public right-to-know, as stipulated by **Title III**.

## Material Safety Data Sheets (MSDS)

The Newark Office of Emergency Management worked in conjunction with the Office of the Business Administrator, the Department of Engineering, and other city agencies to obtain, complete and submit the required **MSDS** and to properly identify and label all chemicals in use or storage in city agencies, in order to come into compliance with that specific requirement of **Title III**.

## Disaster Planning

By the enactment of The Civil Defense and Disaster Control Act - N.J. Statutes annotated, Appendix A:9-40.1 - chapter 438, Public Law 1953, The municipal Emergency Management Coordinator is responsible for the provision of leadership in the field at the municipal level. As such, the Coordinator is responsible for emergency management program administration and development encompassing the four phases of emergency management; **Mitigation, Preparation, Response and Recovery**. The municipal Emergency Management Coordinator shall also be responsible for the following:

### A. Program Administration

1. Ensure that the municipal Office of Emergency Management is available on a twenty-four hour basis.
2. Supervise the day-to-day operations of the municipal Office of Emergency Management.
3. Ensure that the municipality meets all the requirements for the **FEMA** (Federal Office of Emergency Management) Emergency Management Assistance Program, including meeting goals agreed to in the annual workplan, maintaining a currently approved municipal **Emergency Operating Plan**, and providing the **NJOEM** with quarterly program status reports.
4. Prepare, justify and submit the annual municipal Emergency Management budget.
5. Personally attend at least 75% of the scheduled county **OEM** meetings.
6. Maintain a continuing knowledge of all municipal, county, state and federal laws and plans concerning emergency management.
7. Comply with all directives, rules and regulations issued by the state **OEM**.

( )

B. Program Development

Recruit, organize, coordinate and train staff to administer the following functions and programs;

- |                                 |                         |
|---------------------------------|-------------------------|
| 1. Alert and Warning            | 9. Communications       |
| 2. Damage Assessment            | 10. Resource Management |
| 3. Emergency Public Information | 11. Evacuation          |
| 4. Fire Service                 | 12. Hazardous Materials |
| 5. Health and Medical Emergency | 13. Shelter             |
| 6. Law Enforcement              | 14. Public Works        |
| 7. Radiological Protection      | 15. Social Services     |
| 8. Emergency Operating Center   |                         |

**THE EMERGENCY OPERATING PLAN**

The preceding is a description of the state requirements for the legal maintenance and continued state funding assistance of a municipal **OEM**. Item 3 in section A, Program Administration, charges the municipal **OEM** with the specific responsibility for coordinating the production and maintenance of the **Emergency Operating Plan** for the City of Newark. Section B. provides an outline of the specific emergency management functions that must be addressed to meet the minimum requirement. Each of the numbered items in section B. represents an annex to the Basic Plan and requires separate development, although there is a uniform format provided to ensure that each annex is completed according to the specific informational requirements for each function.

Coordination means, in this context, that all the various elements of the **EOP** must be assigned, received, reviewed, revised, completed, submitted and approved through the coordination of the **OEM**. Each separate annex to the **EOP**, as well as the Basic Plan itself, is divided into the following sections: Statement of Approval, Authorities and References, Purpose, Situation and Assumptions, Concept of Operations, Phases of Emergency Management, Organization and Assignment of Responsibilities, Direction and Control, Continuity of Government, Administration and Logistics, Annex Development Maintenance and Execution, Definitions, and Required Attachments. Required Attachments may be as few as five or as many as seventeen, and may be as much work again as the annex itself.

In addition to the function of coordinating the overall process of producing the plan, the responsibility for writing several of the annexes is assigned to **OEM** personnel, as follows; The Basic Plan and the Shelter, Alert and Warning, Evacuation, Communications, Emergency Operating Center and Radiological Annexes. The **OEM** must also assume the duty of preparing any annex that is not forthcoming from the agency or department to which it was assigned, and further provides assistance to assigned personnel in any area, on request.

In 1988, James D. Simons, Shelter Coordinator/Planner for OEM, (The Newark Office of Emergency Management) was assigned the responsibility for coordinating a revision of the Emergency Operating Plan for the City of Newark. The revision required a completely restructured Hazmat Annex, the inclusion of a Health Annex, which had not been submitted in the previous approved plan, and a drastic revision of the Basic Plan and its annexes. The consulting firm of **Dresdner, Robin & Associates** was employed to produce the finished product.

Mr. Simons coordinated the efforts of city agencies with the efforts of the consulting firm and performed many of the production functions required to complete the plan. The plan with its revisions was approved in 1989 by the **N.J.O.E.M.** Division of the New Jersey State Police.

The Emergency Operating Plan is a document of well over 1,100 pages; it is totally revised every two years according to new guidelines provided by the the **Emergency Management Division** of the **New Jersey State Police**, who receive direction and input from **FEMA**.

The **EOP** is an important document for the City of Newark for three reasons. First of all, it provides a framework of emergency response; second, it protects the city from the potential liability arising from lawsuits which could occur in the event that people suffer loss resulting from a disaster for which the city is not adequately prepared, since we have a legal mandate to have such a plan in place; and third it protects the city from the potential embarrassment that would result in like manner.

#### **EOC (The Emergency Operating Center)**

The centerpiece of emergency management is the Emergency Operating Center. The concept underlying the design for the **Newark Office of Emergency Management** is twofold. It serves as the base of day-to-day operations for the functions of Emergency Management, housing its employees, records and equipment, but it is also meant to serve as the Emergency Operating Center for the City of Newark in the event of any emergency which requires the organization of all the governmental and response agencies of the city under one roof. The EOC must be capable of functioning as a little City Hall.



## TRAINING

The **Newark Office of Emergency Management**, for the purpose of increasing the emergency response capability of city personnel, sponsored the presentation of the **Radiological Course** which was recently offered at the **Fire Training Academy**, for which 108 people in city services received certification. As a result of this participation, the city also received two of the latest type of **Radiological Detection Sets** from the **N.J.O.E.M. Division of the New Jersey State Police**, which are currently on board the **Hazmat** truck, representing a saving of \$30,000 to the city. **OEM** personnel attended and were certified for five **Hazmat** courses offered for **Fire Department** personnel as well as three courses offered by the State of New Jersey.

## DRILLS AND EXERCISES

The **OEM** participates in, and is responsible for the role of Newark city agencies in the conduct of state and county drills and exercises designed to test the response capabilities and coordination of emergency responders from all levels of government.

During the year of 1989, the **Newark Office of Emergency Management** participated in monthly warning tests through **N.J.C.J.I.S.** and the county radio system. The **OEM** completed a multi-year development plan, and executed a program of stocking, rotating and transporting radiological monitors and other radiological supplies in an effort to enhance the **Radiological Defense** capability of city agencies. The equipment was transferred from the city to the **State Radiological Section** on a regular basis for maintenance, testing and repair.

## AIRPORT DRILL

In 1989, the **OEM** participated in the county emergency management drill at Newark Airport which was the successor to a larger drill, Operation Falling Star, held previously. **OEM** personnel also took part in a drill which combined and simultaneously considered two major disaster scenarios; a plane crash and a hazardous materials incident at the airport. The exercise included the participation of the **New Jersey State Police**, **The Port Authority**, **DEP**, **EPA**, and the **Newark Fire**, **Hazmat**, and **Police** departments as well as the **Newark OEM**.

## EMERGING ISSUES; 1989-1990

The **Newark Office of Emergency Management** is becoming more and more an environmental impact agency. The regulation of on-site chemical inventories, the surveillance, apprehension and prosecution of illegal dumpers, and the planning, coordinating and record keeping associated with the public's right to know and right to obtain abstracts and documents has placed a responsibility on the agency to deal with these emerging issues that requires a great number of man-hours, equipment and technological support. In 1989-90, a transfer of Chemical Industry records and responsibilities is taking place in which the **Fire Department** and the **OEM** are taking over duties previously assigned to the **Department of Engineering**. This greatly increases the burden on these departments both in the field and in the office.

## Recordkeeping

The OEM keeps records of all reported incidents and maintains files on all hazardous materials sites. The OEM keeps a file of all Title III reporting facilities and the chemical inventories they maintain. The physical files for these categories was organized in the past year. It is a primary goal for OEM to have computer filing and access for these records in 1990.

## Summary

Although The concept of the OEM is built on the old foundation of the Office of Civil Defense, its importance should not be underestimated. The Newark Office of Emergency Management has retained the responsibilities and functions of Civil Defense, incorporating them into an all-hazards approach to emergency management which requires planning and response for all types of emergency arising from natural or man-made causes. This then includes, but is not limited to, all types of storm and weather emergency, flood, major fire, radiation emission, toxic chemical exposure, industrial or transportation accident, and any type of event which may adversely impact on the city and its people, up to and including nuclear war.

While a nuclear war may seem an unlikely event, it can be seen that of the other types of situation to be planned for and coordinated, some are more or less frequent occurrences in the City of Newark. With the advent of new legislation, such as SARA (Title III), the Newark Office of Emergency Management is becoming more and more an environmental impact agency. The regulation of on-site chemical inventories, the surveillance, apprehension and prosecution of illegal dumpers, and the planning, coordinating and record keeping associated with the public's right to know and right to obtain abstracts and documents has placed a responsibility on the agency to deal with these emerging issues that requires a great number of man-hours, equipment and technological support.

As it is presently constituted, this agency has two people available for twenty-four hour coverage of the entire City of Newark, and only one city vehicle. For the purpose of producing the Emergency Operating Plan for the City of Newark, the OEM currently has available one person acting in a planning capacity. To date, it has not been possible to complete the process of electronic filing and file organization which is essential for the increasing number of Chemical Industry plans and Title III compliance documents which are being received daily. Relocation to a more suitable location is long overdue. It can be seen that many of the primary objectives for 1990 cannot be met without some additional manpower and equipment.

Because of the changing times and greater recognition of the importance of the **Office of Emergency Management**, there is a great opportunity to improve the efficiency and the scope of the OEM. As a recognition of the importance of these functions grows within the community, a greater acceptance of the duties imposed not only on city agencies but on the private sector, such as business and industry to provide protection to the citizens of Newark, is anticipated.

Our gratitude is extended to **Fire Director Stanley J. Rossup** and **Fire Chief Lowell F. Jones** for the wholehearted support and commitment they have shown to the **Newark Office of Emergency Management**. Without their help, we could not have accomplished what we did in 1989.

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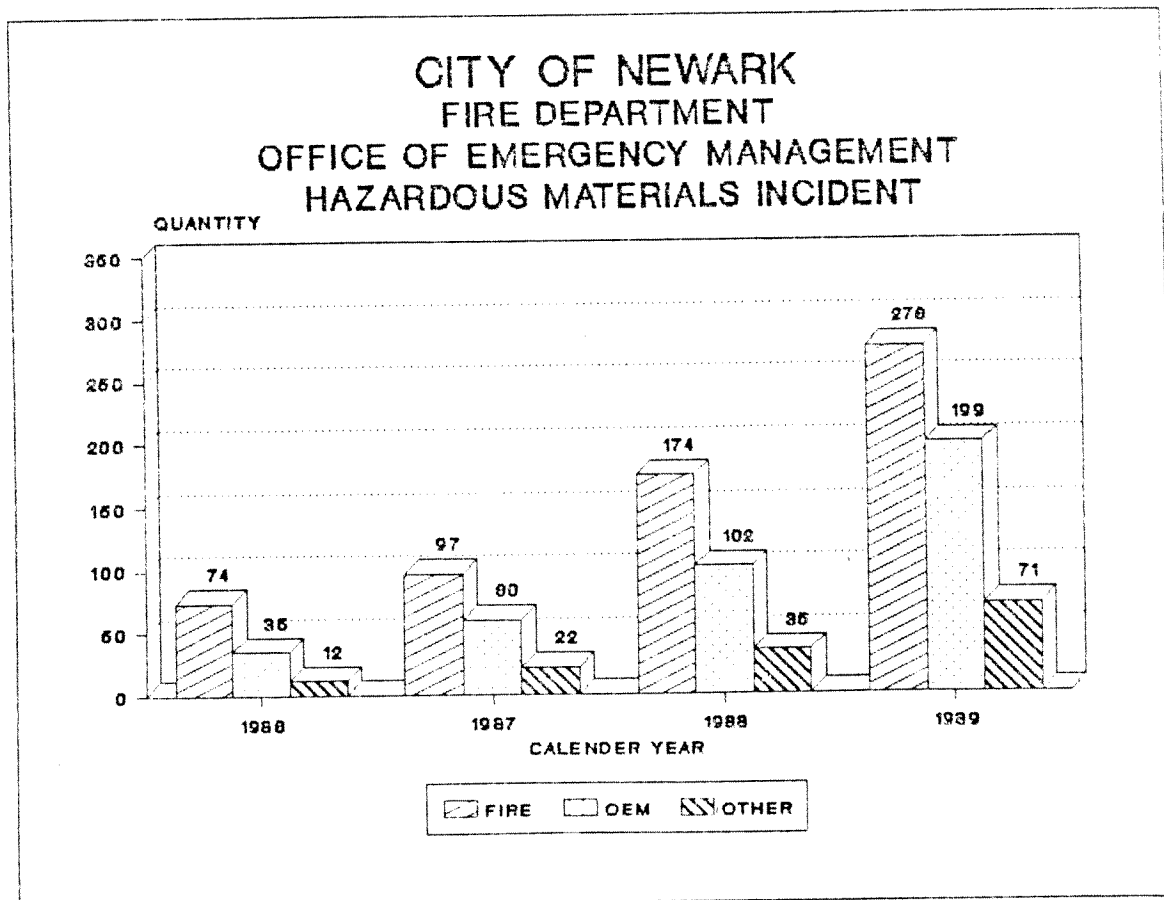
The chart submitted as Appendix One illustrates the increase in hazardous materials incidents in the City of Newark over the four year period from 1986-1990.

The first column, labeled **FIRE**, shows an increase in Hazmat runs from 74 in 1986 to 97 in 1987, to 174 in 1988, and 278 in 1989. This is an increase of 290% in just a two year period.

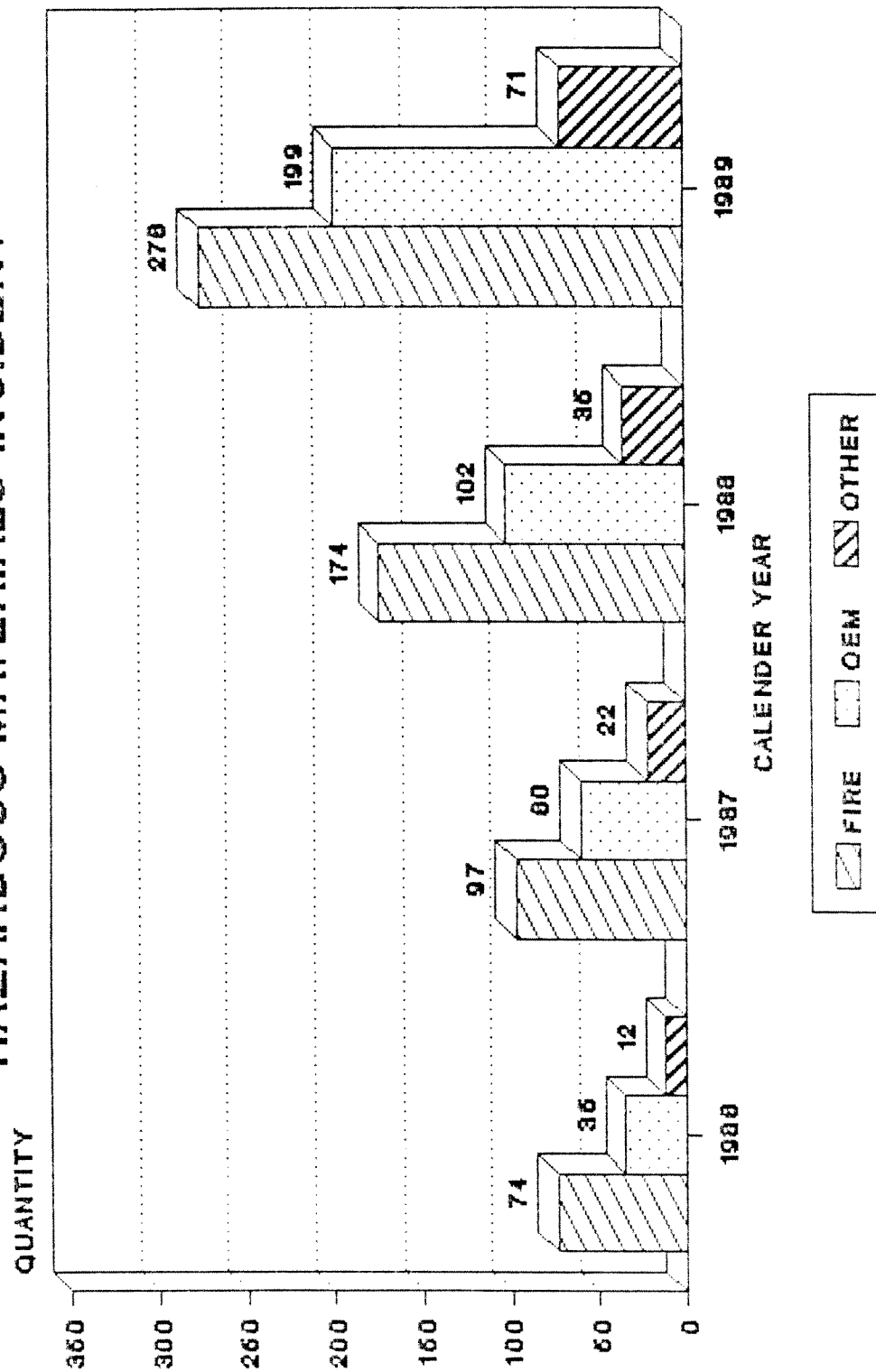
In the second column, which illustrates Newark Office of Emergency Management responses to the same group of incidents, the number of responses increases from 35 in 1986 to 60 in 1987 and 102 in 1988, with 199 responses in 1989, an overall increase rate of 191% per annum. The difference in these sets of numbers is due to the fact that OEM isn't called on the percentage of Hazmat runs that are not deemed emergencies.

The third column, labeled "other", is a depiction of OEM responses to calls originating from other sources, such as the New Jersey Department of Environmental Protection, private citizens, or other agencies. When such calls are investigated by OEM field response personnel, they may or may not be actual Hazmat incidents. In cases where they are, the Hazmat unit is then notified through the Fire Department operator, and all such incidents are included in column one.

The total number of incidents OEM responded to can be derived by adding column two and column three. That number was 47 for 1986, 82 for 1987, and 137 for 1988. In 1989, the total number of OEM responses rose to 270.



**CITY OF NEWARK  
FIRE DEPARTMENT  
OFFICE OF EMERGENCY MANAGEMENT  
HAZARDOUS MATERIALS INCIDENT**



1989 ANNUAL REPORT  
FOR  
NEWARK FIRE AUXILIARIES  
SUBMITTED BY  
JOSEPH J. PIERCE, JR., DEPUTY CHIEF

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Fire Auxiliary Service

During the fiscal year of 1989, there were fourteen new applicants for the Fire Auxiliaries, 97 active, making a total of 114 members, with approximately 100 semi-active members.

The members of the Auxiliary reported to fire houses 1,523 times and spent 3,101 hours on duty; responded to 1,046 alarms and spent 2,933 hours at working fires.

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PHOTOGRAPHY DIVISION  
ANNUAL REPORT SUBMITTED BY  
FIREFIGHTER LAWRENCE KRIEGER  
FOR THE YEAR 1989

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MEDIA LIAISON & PHOTOGRAPHIC UNIT

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The following report is herewith respectfully submitted outlining the activities of the Public Relations and the Photography Division for the year 1989:

The Division has continued to keep the public informed of various events which occurred during the year, through the use of radio, television and newspapers. As the media liaison, I responded to fires as requested, and carried out other assignments as needed, issuing information in the form of releases to the news media.

Assignments responded to:

Signal 100 (Arson or Suspected )	97
Signal 200 Death at a Fire, (not actual count)	11
Multiple Alarms (2nd or greater)	28
Public Relations (Includes appointments, awards, promotions, and demonstrations)	16
Special Assignments (Working in cooperation with other agencies, Law Department, Division of Fire Prevention and Life safety, Demolition and Engineering Departments)	66
Total Assignments Worked	218

Dark Room Activities Include:

Total Negatives processed and developed	2,850
Total Prints processed and developed	3,550

I wish to extend my sincere thanks to Director Stanley J. Kossup, Fire Chief Lowell F. Jones, all the Officers and Members of the Fire Department, for their cooperation and assistance throughout the past year.

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DATA PROCESSING UNIT  
ANNUAL REPORT FOR 1989  
SUBMITTED BY  
LINUS O. EBINUM  
DATA PROCESSING COORDINATOR

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The Data Processing Unit, an integral part of the Planning and Research Division, completed various computer applications during 1989. The Unit is in the process of transferring all its data processing activities onto the new State of the Arts Computer Aided Dispatch (CAD) Systems - Status. All the Divisions of the Fire Department will be fully served by this improved system.

The Data Processing Unit will meet the following needs of the Department:

1. A listing of inspections and updating of conditions of hydrants in the city.
2. Personnel listing and history as needed.
3. Overtime reports on weekly basis.
4. Sick reports on all employees.
5. Compensation claims on file.

The Unit attended a seminar on June 1989 at Marlton, New Jersey, with RMS Technologies, Inc., the main vendor to the city for Data Processing, and also attends monthly Data Processing Steering Committee meetings.

The Unit has performed all the activities and duties as required by Director Stanley J. Kossup of the Newark Fire Department.

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ANNUAL REPORT  
SUBMITTED BY THE  
CATHOLIC CHAPLAIN  
REV. HORTON J. RAUGHT  
FOR THE YEAR 1989

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The following is a report of my activities as Chaplain of the Newark Fire Department for the year 1989.

Responded to multiple alarms when summoned. In 1989 I responded to 73 Fire incidents of which 60 were multiple alarms. When necessary I accompanied injured firefighters to the hospital from the fire scene.

Visited the various hospitals in the area to attend members of the Fire Department who were ill or injured in the line of duty. Visits were made to their families when notified of their illness.

Attended all swearing-in ceremonies of new Fire Department personnel as well as promotion ceremonies.

Attended wakes for the deceased members of the Fire Department or members of their families. I participated at the funeral services of members of the Department, both active or retired.

I was available for and participated in conferences with members of the Department or their families.

I conducted the 66th Annual Memorial Service for the deceased members of the Newark Fire Department. This Annual Memorial Mass and Service was conducted at St. Patrick's Pro-Cathedral, Newark, New Jersey. Also conducted the Annual Memorial Service at the Firefighters Monument Plot in Mt. Pleasant Cemetery, Newark, New Jersey.

Attended all activities, both social and civic, pertaining to the Newark Fire Department, and those sponsored by the Bell and Siren Club. I attended and conducted the Annual Memorial Service at the 37th Annual International Fire Buff Association convention at the Meadowlands Hilton Hotel, Secaucus, New Jersey.

I wish to express my deep and sincere gratitude to Fire Director Stanley J. Kossup, Fire Chief Lowell F. Jones, and to all the Officers and Members of the Newark Fire Department for the friendship, courtesy and cooperation they have shown me.

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ANNUAL REPORT  
SUBMITTED BY  
THE JEWISH CHAPLAIN  
RABBI HORACE L. ZEMEL  
FOR THE YEAR 1989

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As Jewish Chaplain of the Newark Fire Department, I have, to the best of my ability, answered fire calls when summoned, attended the sick and dying, participated in public functions, and in general, lent myself in full capacity as clergyman over all those to whom I minister, in whatever contingency my services were needed.

Once again, I am happy to have this opportunity of letting you know that I am cognizant of the many courtesies extended to me in the performance of the duties of my office, for which I am deeply grateful.

May I wish you, and, through you, all the members of the Fire Department, a year marked by peace in the world, order in our government, health in the home, and success in every worthwhile endeavor.

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THE BELL AND SIREN CLUB, INC.

ANNUAL REPORT  
FOR THE YEAR 1989

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The Bell and Siren Club, organized in 1949, is a non-profit, voluntary group, dependent upon membership dues, social functions, and the contributions of the firefighters of the communities it serves, to finance its activities and acquire and maintain its equipment.

Membership is limited to 50 active members whose conduct must adhere to the official Club Code of Operations.

The Club serves free refreshments of coffee, fruit drink, tea, hot soup, etc., from a mobile canteen unit, "The Rig", to firefighters at the scene of a fire, inside the fire lines.

The Rig is owned by the Club, but it is quartered at 44 Mt. Prospect Avenue, courtesy of the Mayor and the Newark Fire Department.

During 1989, the Club responded to 90 fire emergencies, comprised of:

- 42 Second Alarms
- 7 Third Alarms
- 1 General Alarm
- 13 Special Calls
- 9 Multiple Alarms in East Orange
- 5 Multiple Alarms in South Orange
- 1 Multiple Alarm in West Orange
- 1 Multiple Alarm in Irvington
- 1 Multiple Alarm in Belleville
- 4 Multiple Alarms in Bloomfield
- 3 Multiple Alarms in Montclair
- 3 Multiple Alarms in Orange

Services rendered included:

8,806 cups of coffee	2,881 cups of hot chocolate
4,197 cups of iced tea	335 cups of broth/soup
1,480 cups of cold drinks	334 doz. cookies & doughnuts
862 cups of hot tea	227 cigarettes
535 cups of water	200 cups of beef stew

We extend our thanks and appreciation to the elected officials of the City of Newark, to Fire Director Stanley J. Kossup, and to Fire Chief Lowell F. Jones, and all the Officers and Members of the Newark Fire Department, for their help and assistance during the past year.

